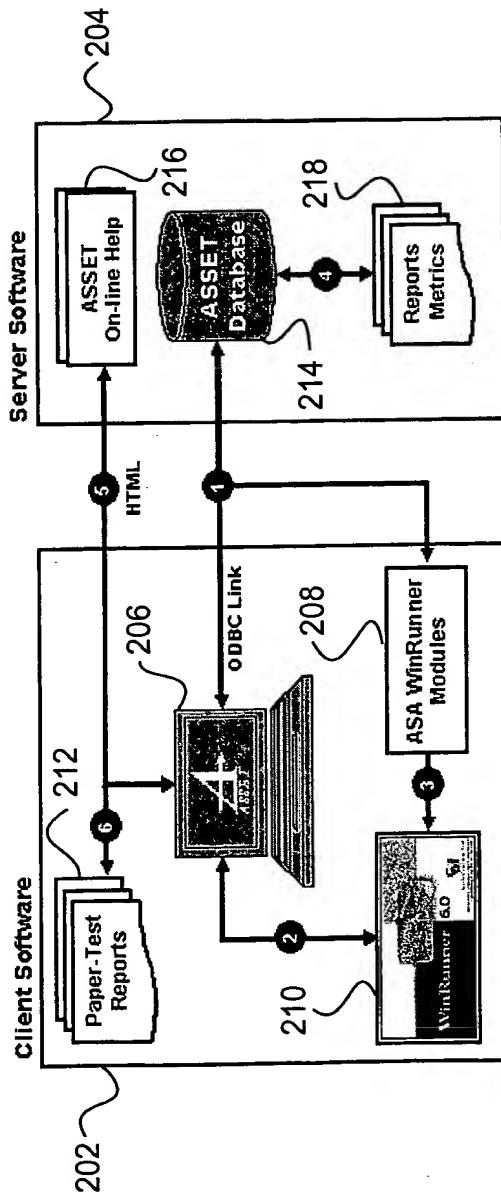


Figure 1

ASSET Technology



1	Updates to Test Script Data via an ODBC link between the ASSET client and server software. Test script data is passed to ASA modules via SQL query.
2	Mercury Interactive's WinRunner™ is connected to the host application on the client workstation, and is used to automate test script data processed by ASA module.
3	Custom ASA module processes data for each test script step stored in ASSET database.
4	HTML test cycle execution reports are stored on server
5	HTML on-line ASSET help documentation is centralized on server
6	ASSET test script data is dynamically converted into <i>english-based</i> , test script documentation

FIG. 2

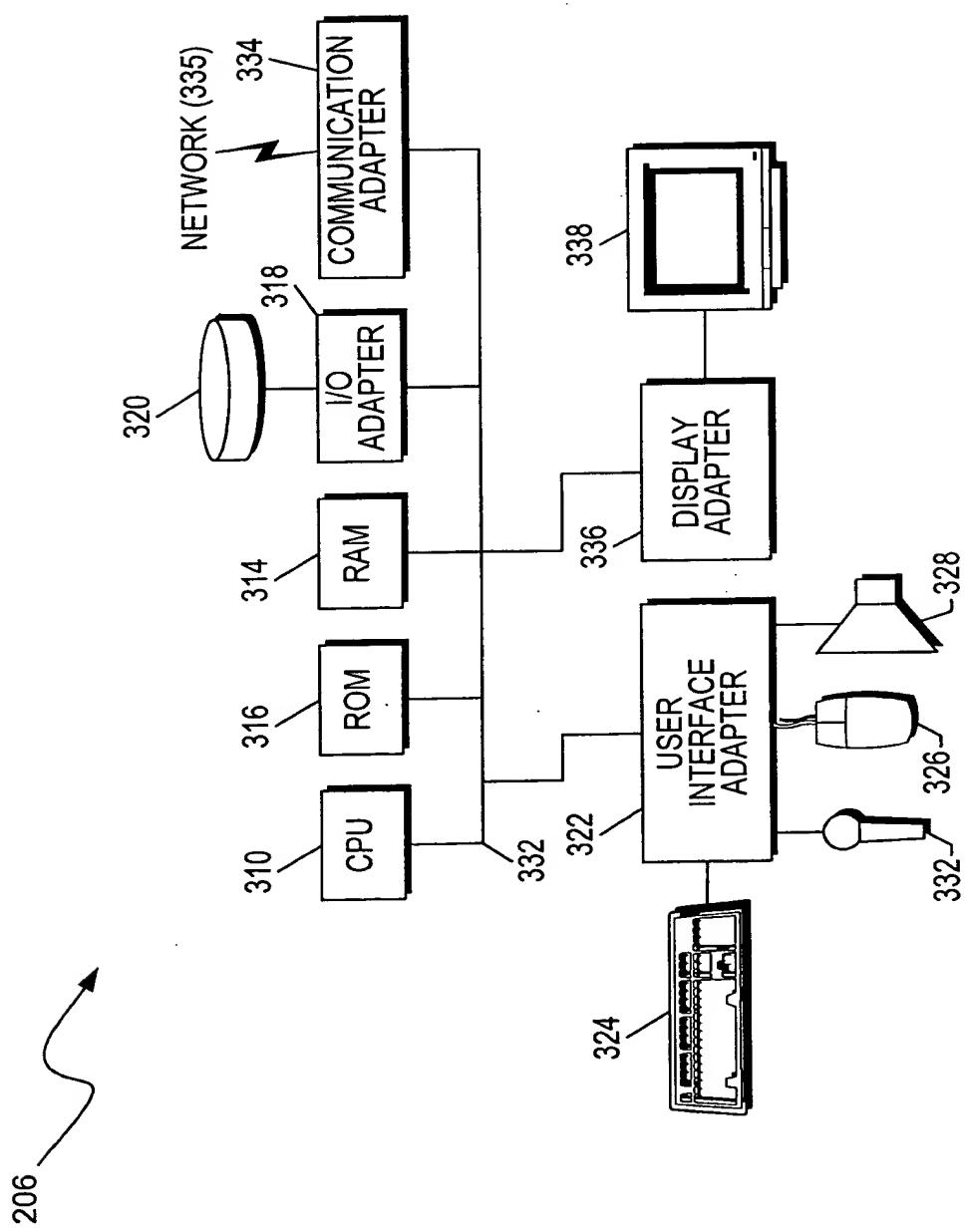


Figure 3

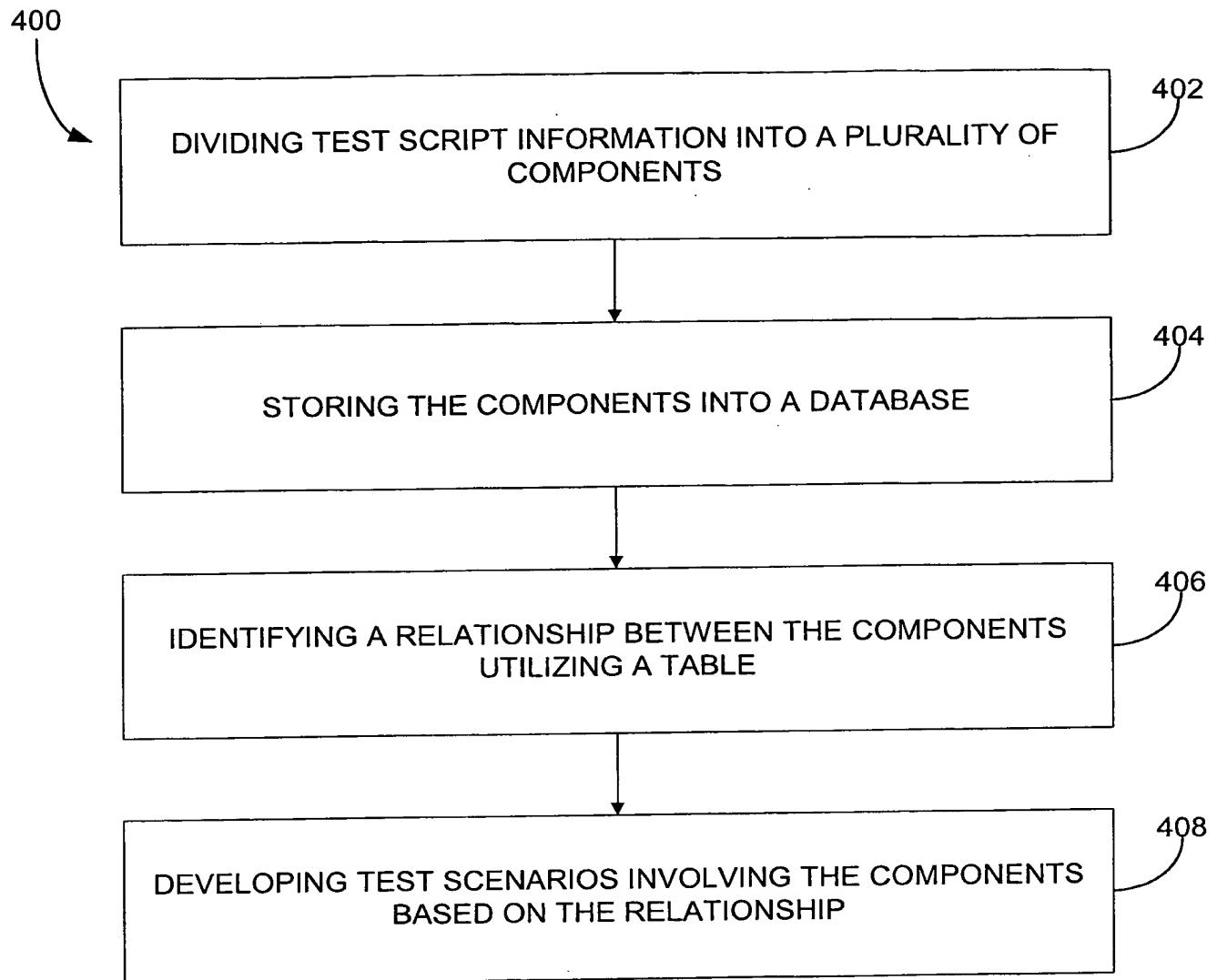


Figure 4

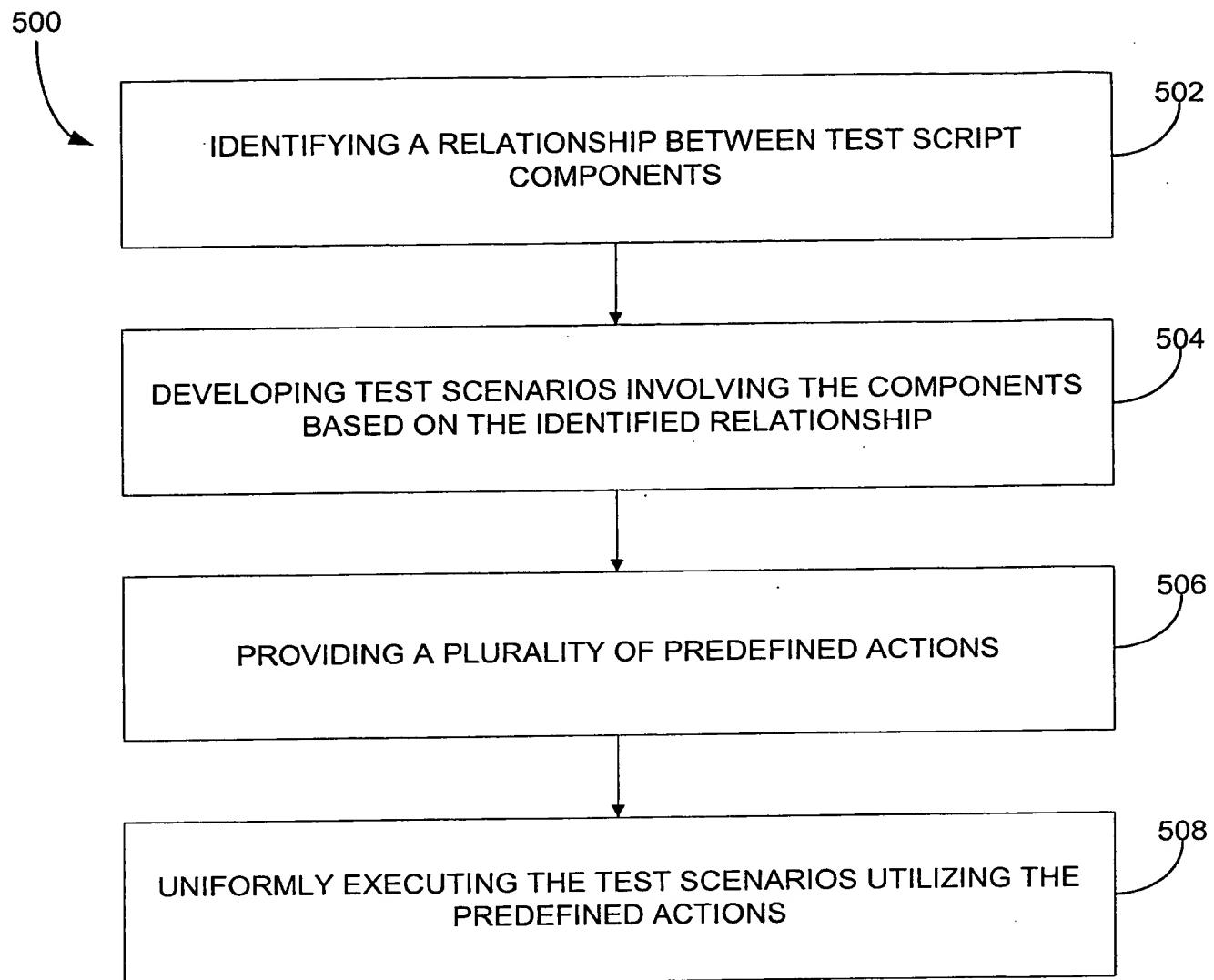


Figure 5

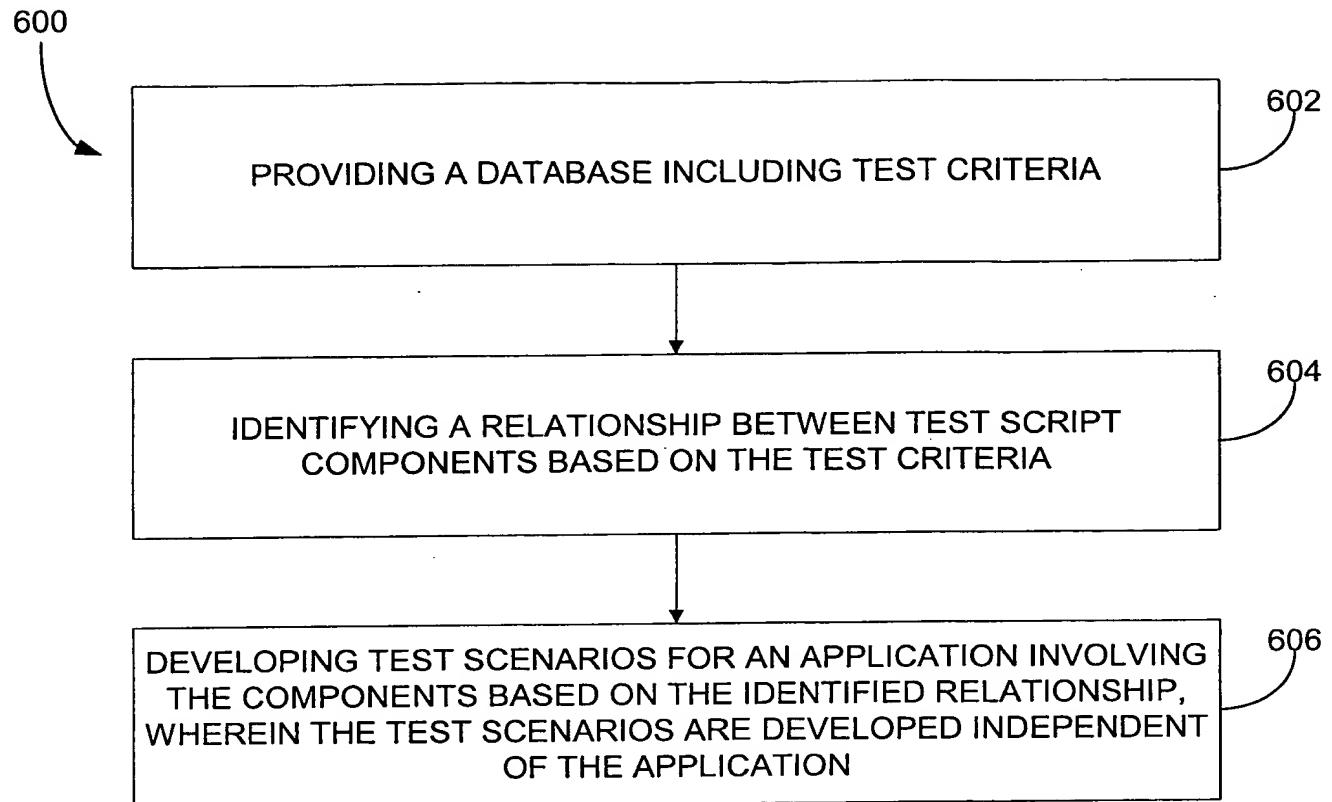


Figure 6

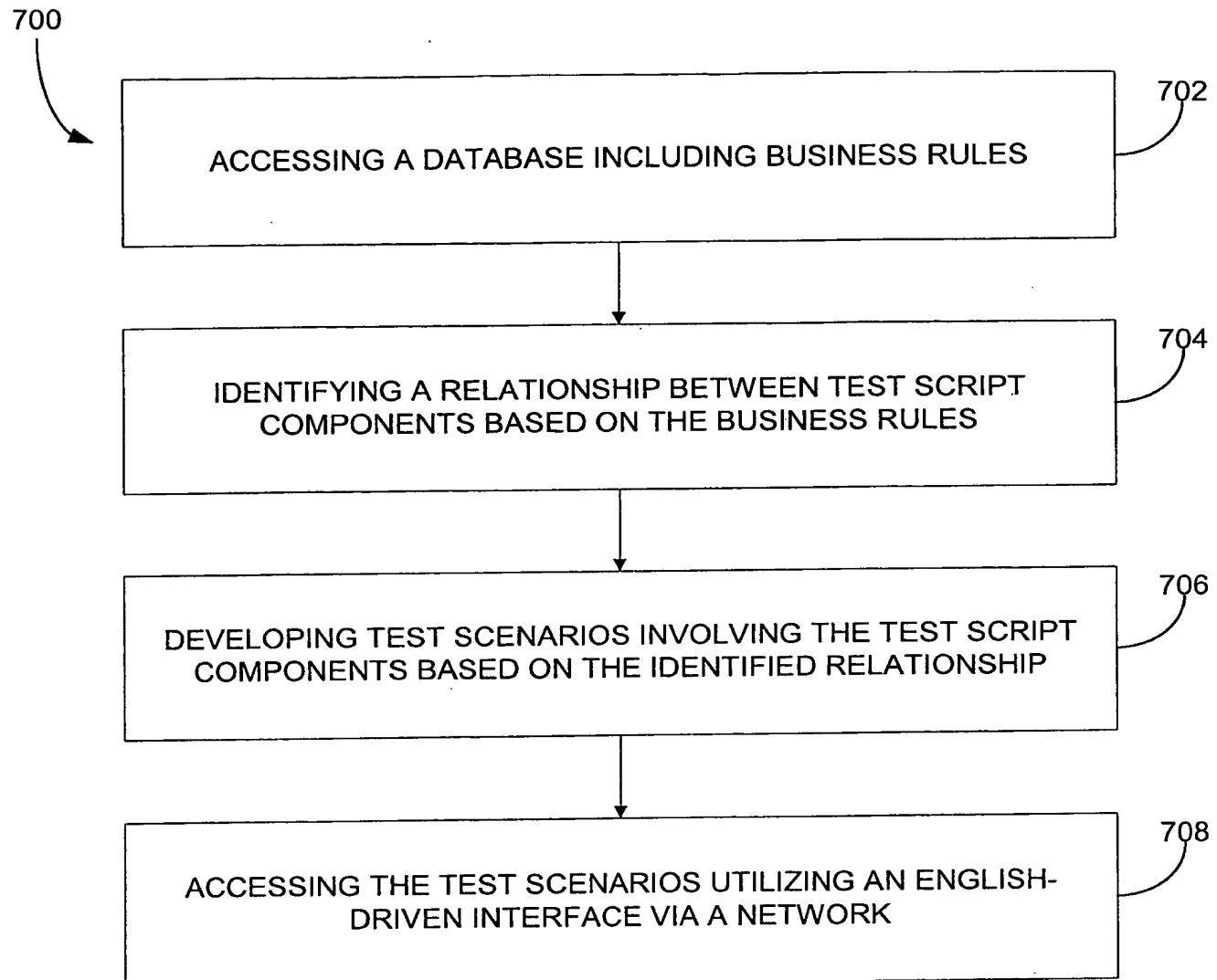
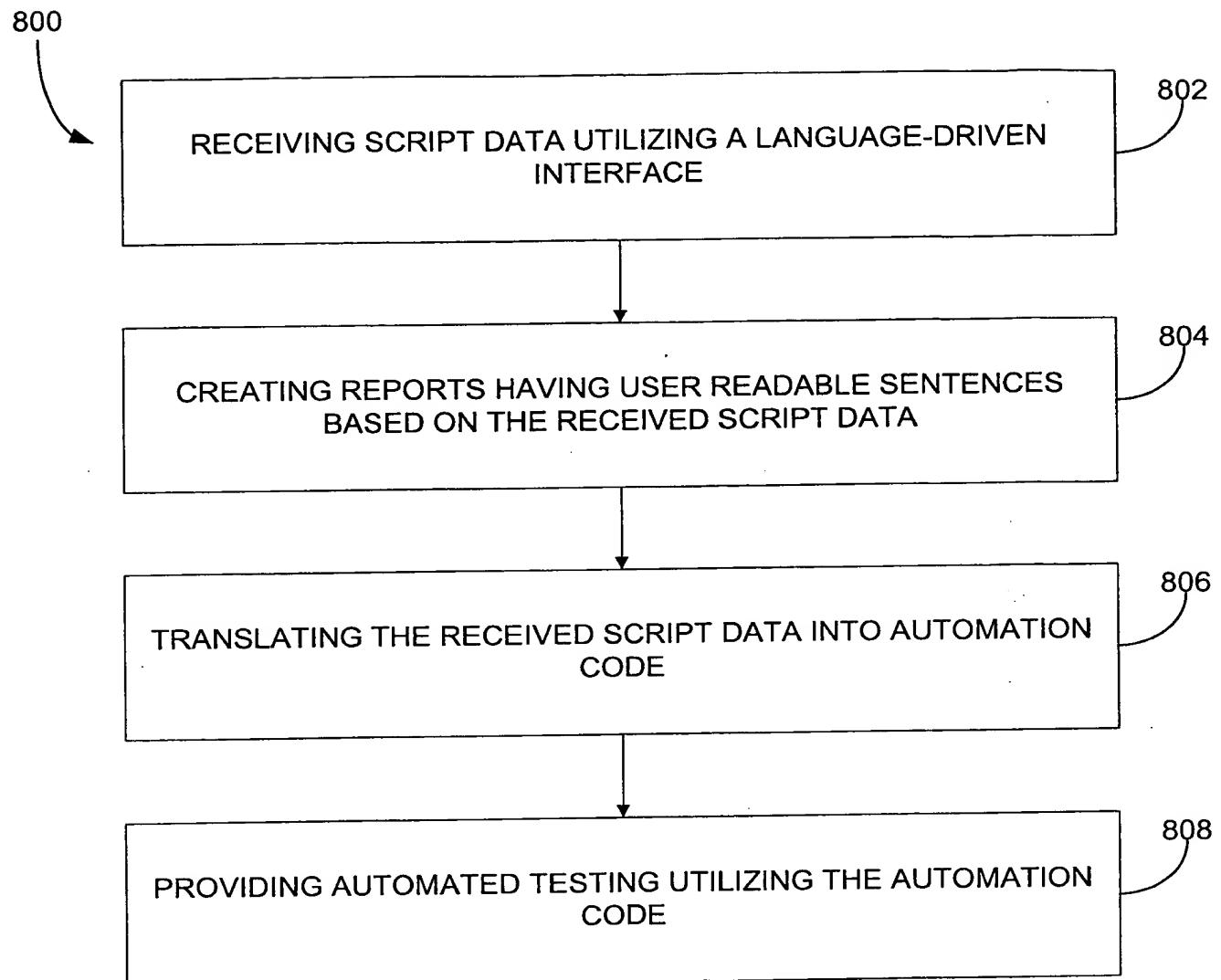


Figure 7

**Figure 8**

00000000000000000000000000000000

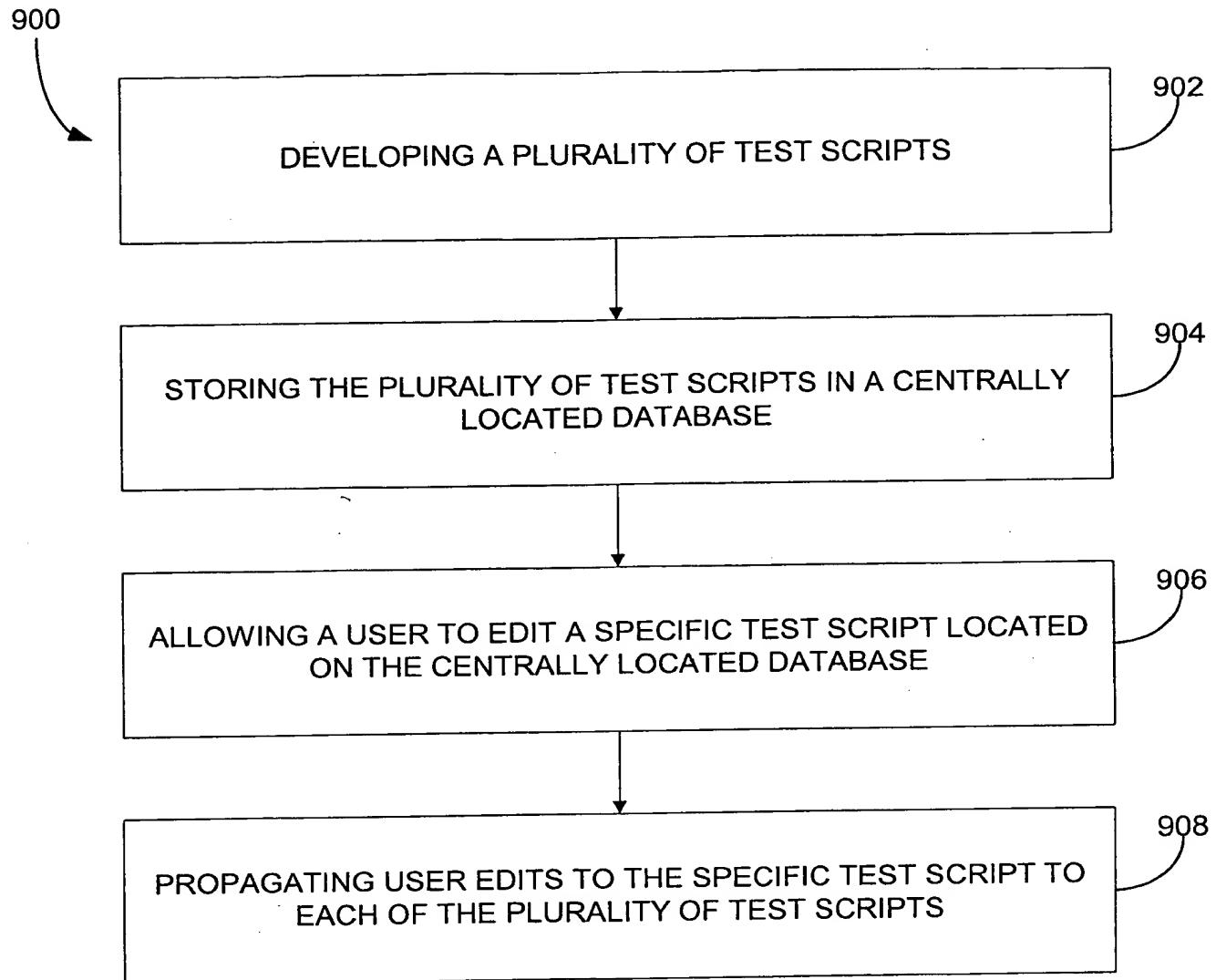


Figure 9

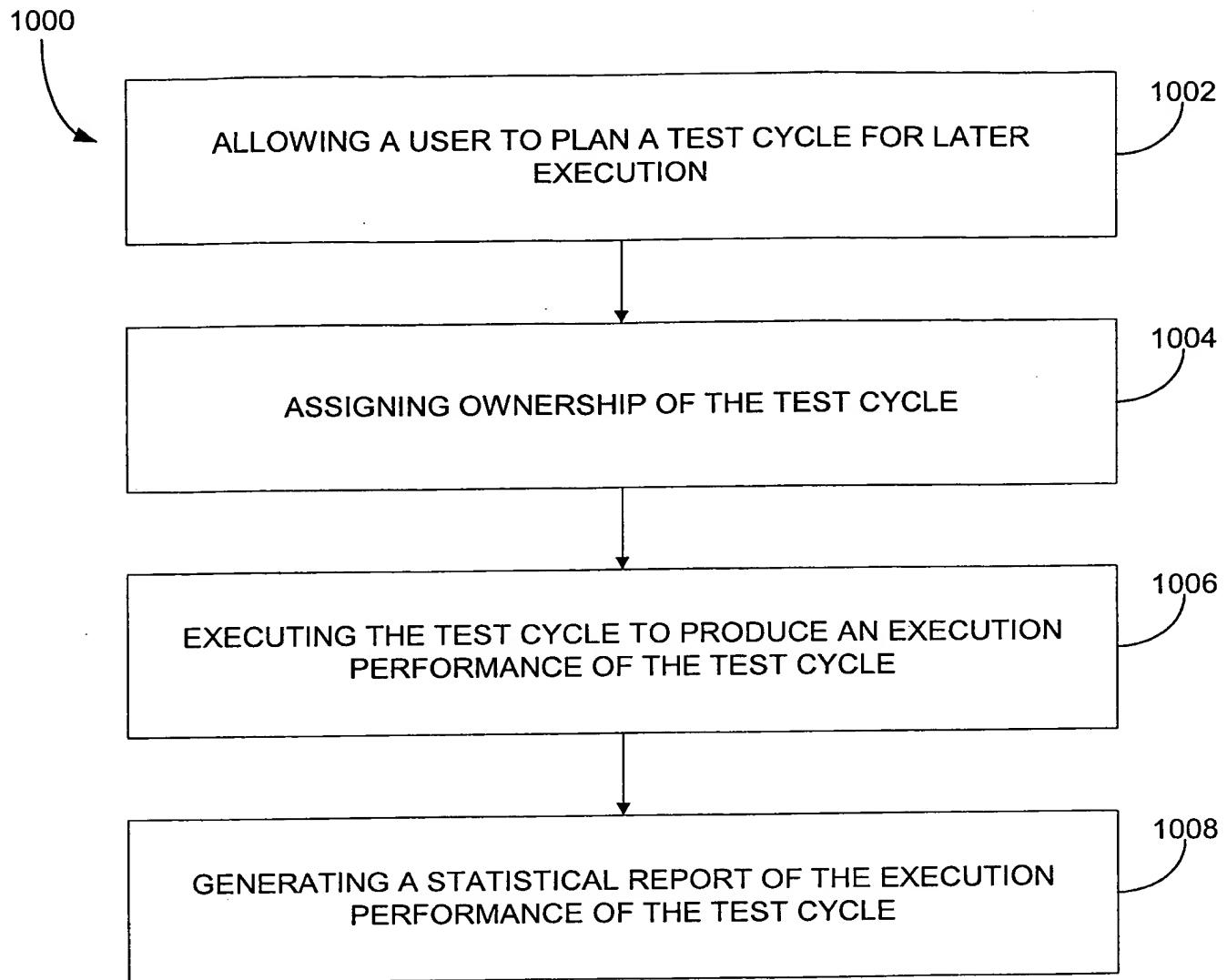


Figure 10

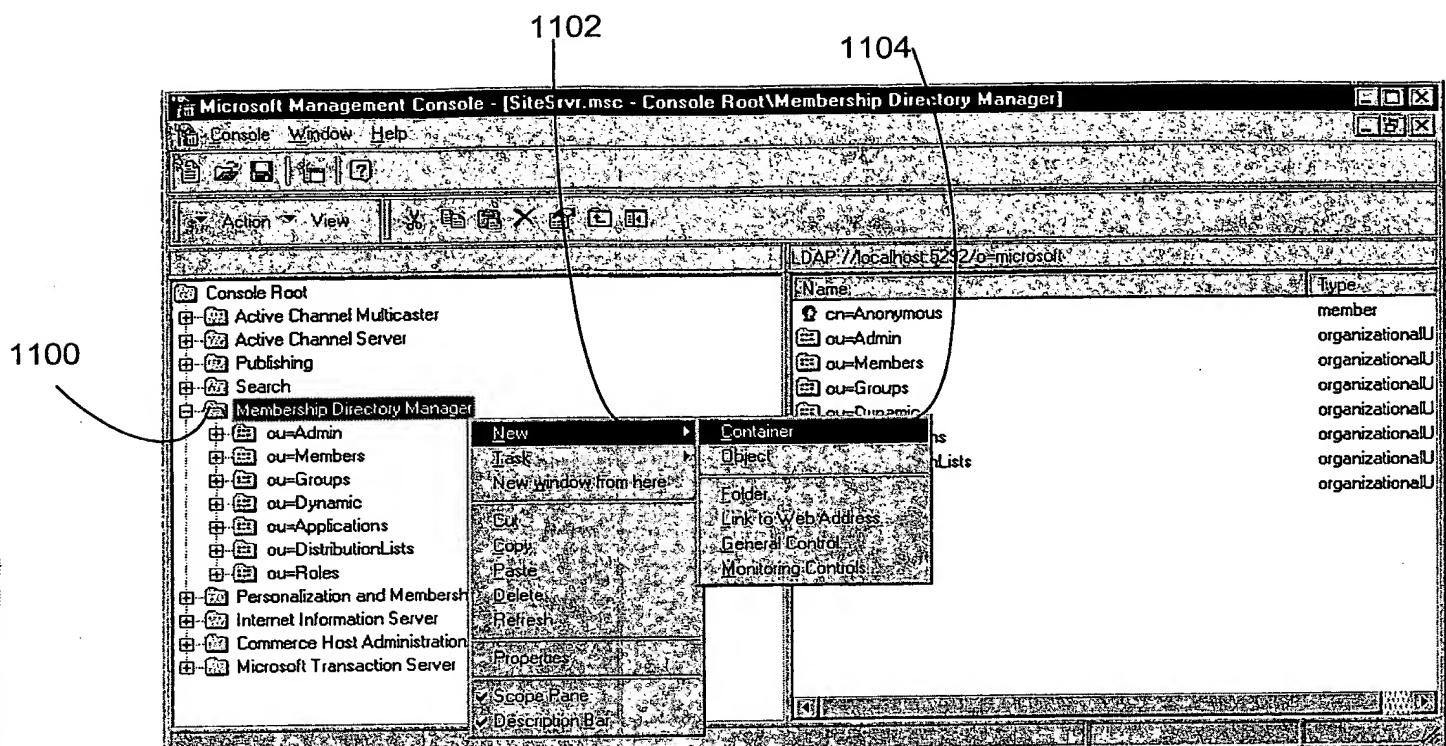


Figure 11

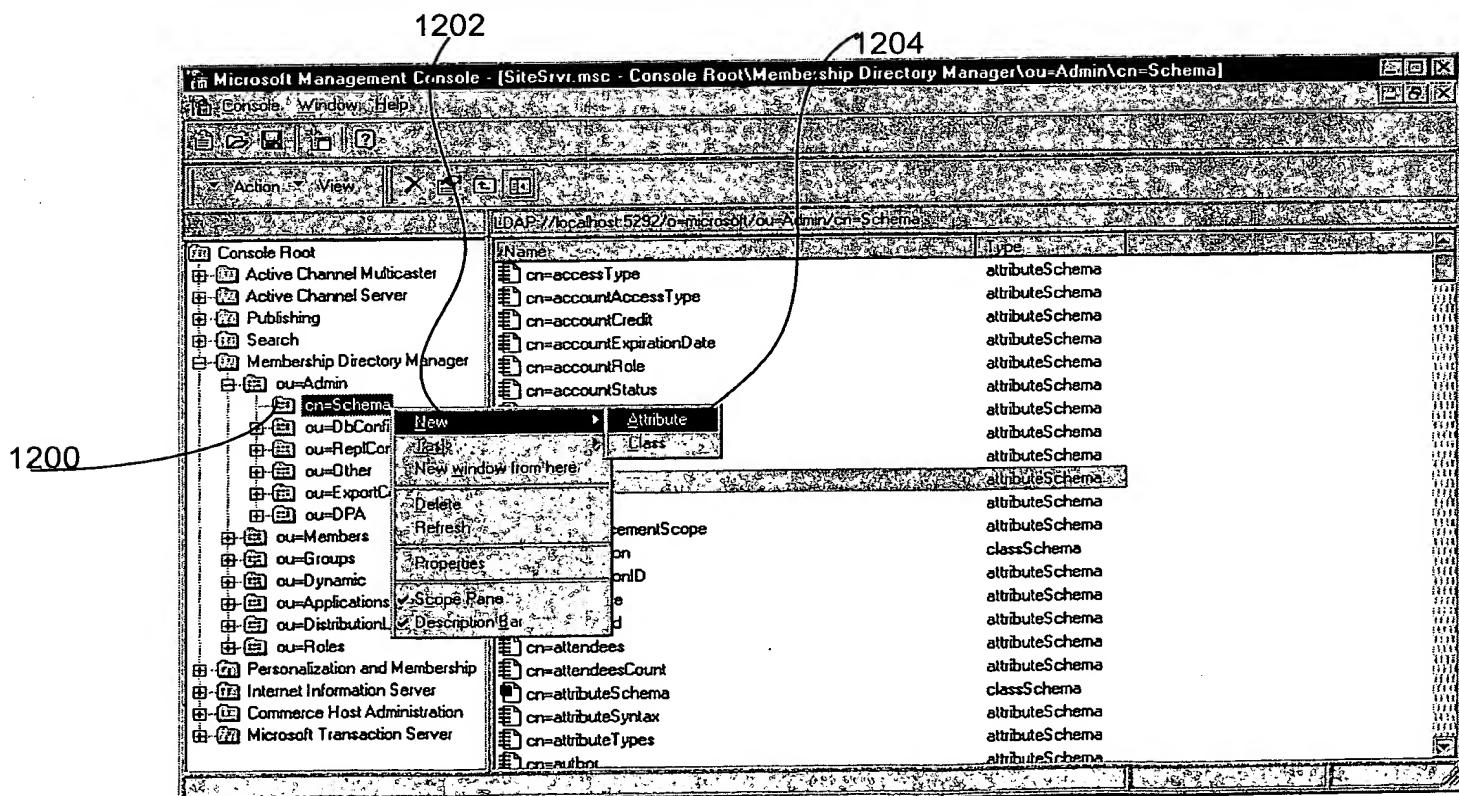


Figure 12

00000000000000000000000000000000

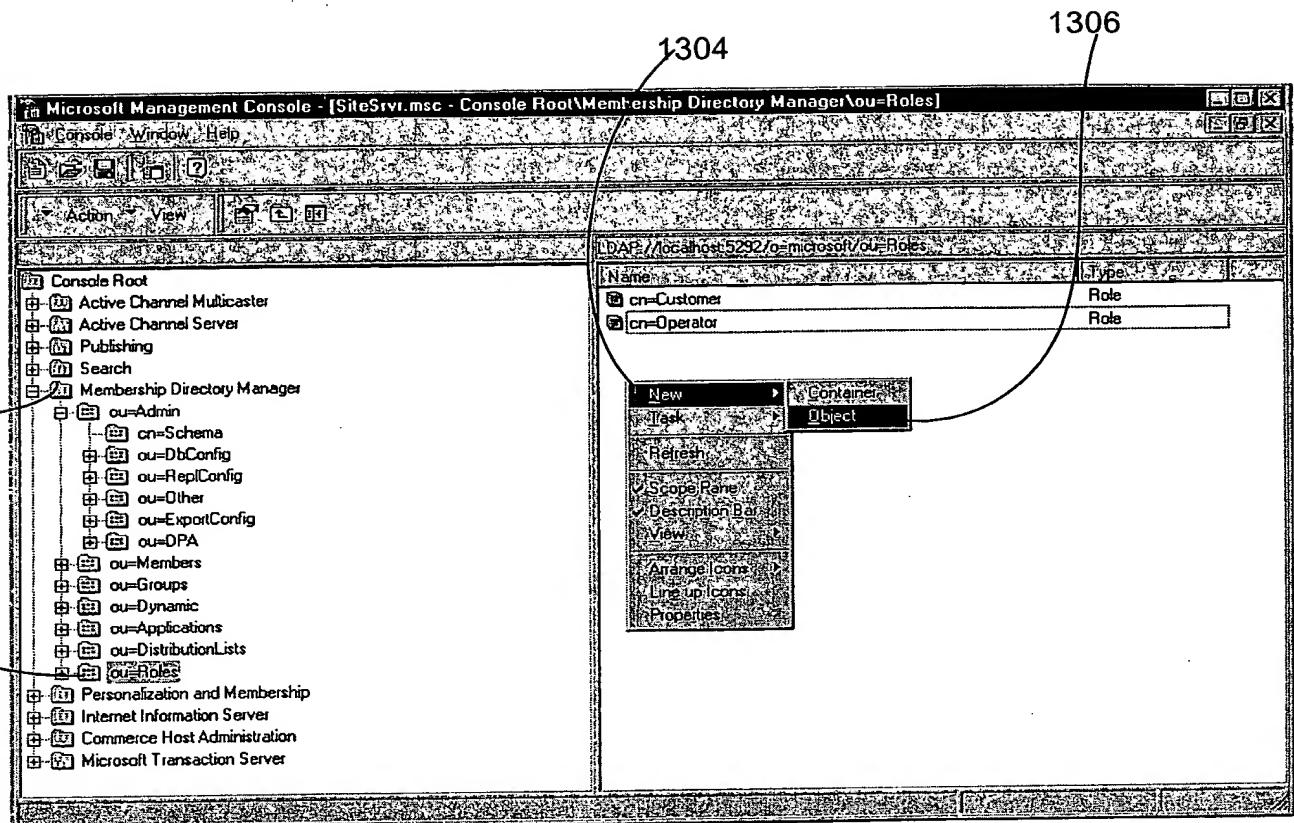


Figure 13

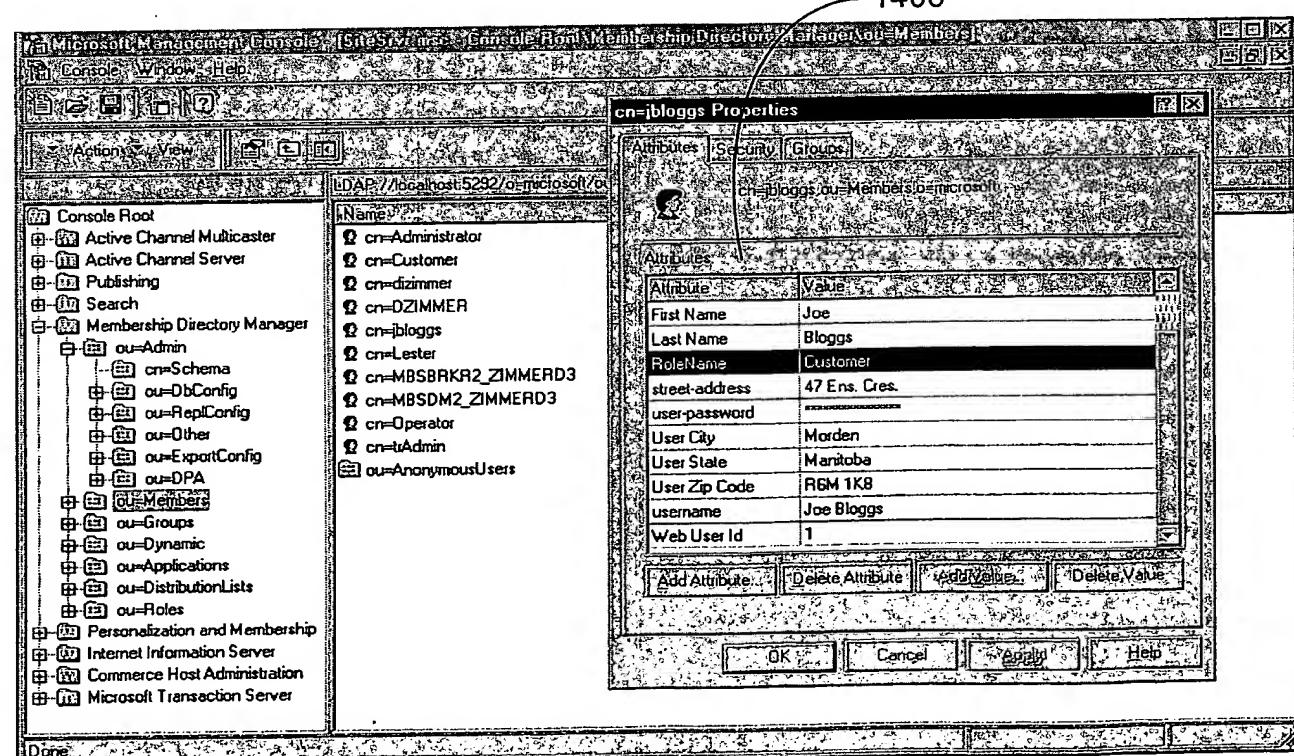


Figure 14

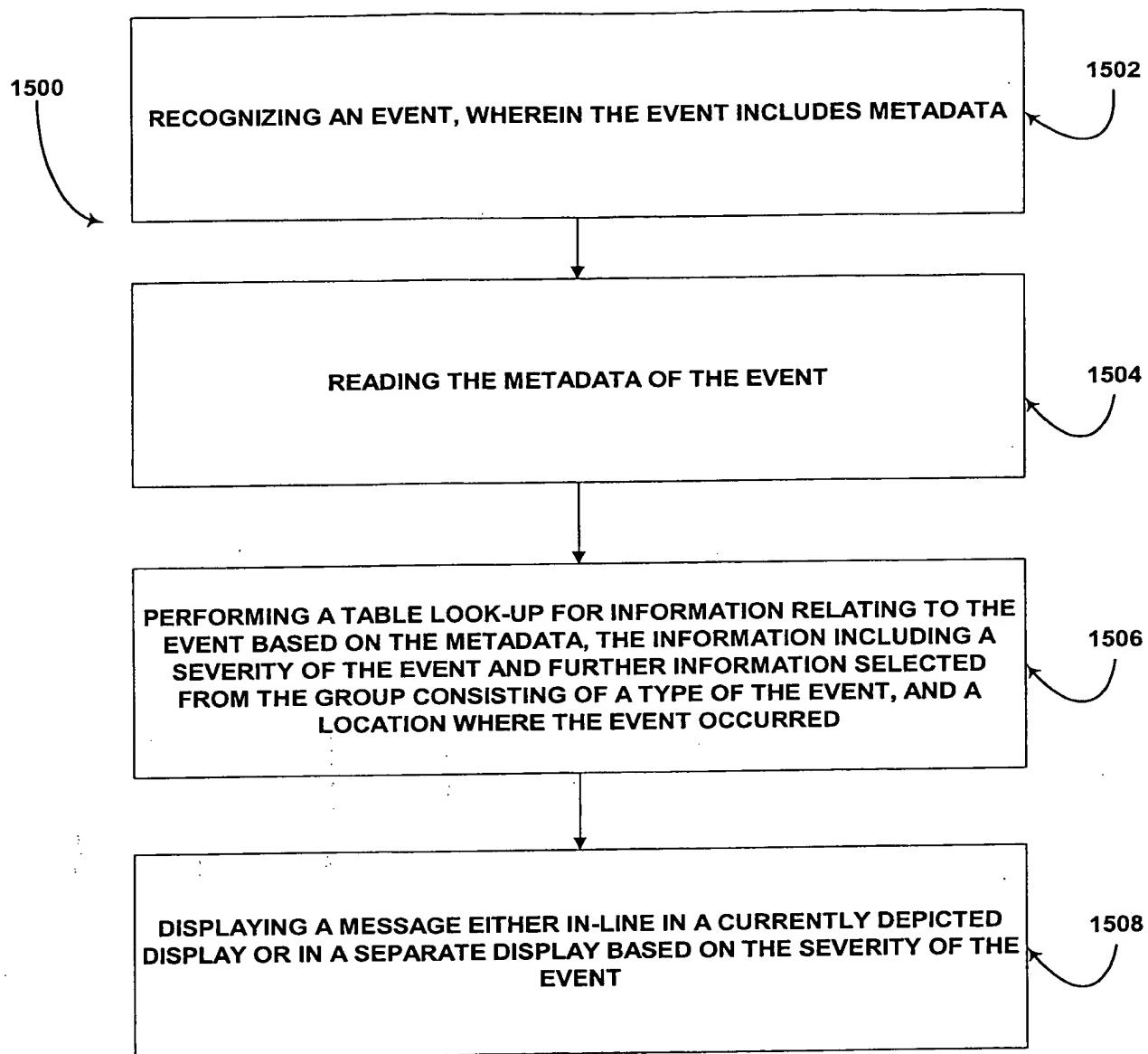


Figure 15

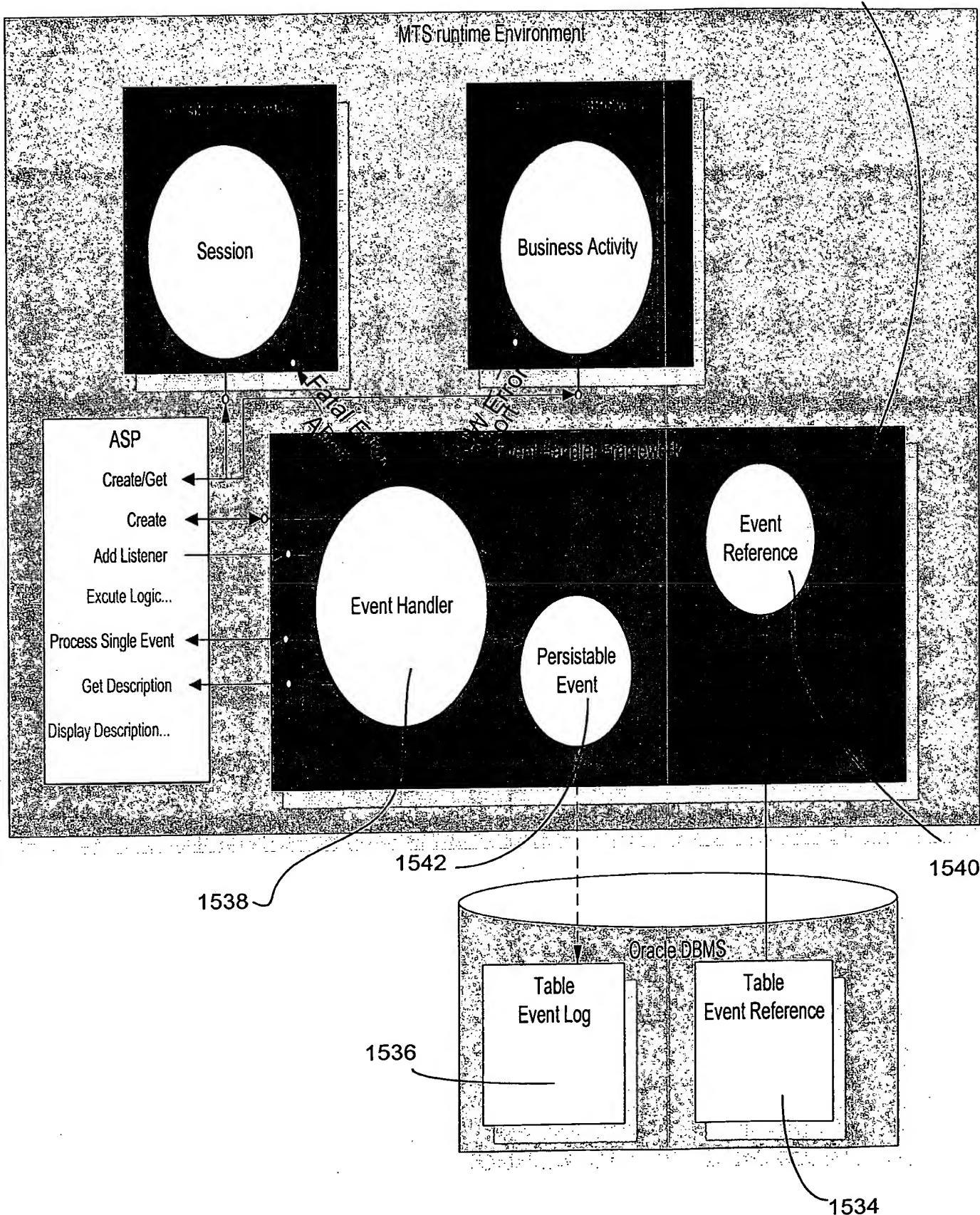


Figure 15.1

00000000000000000000000000000000

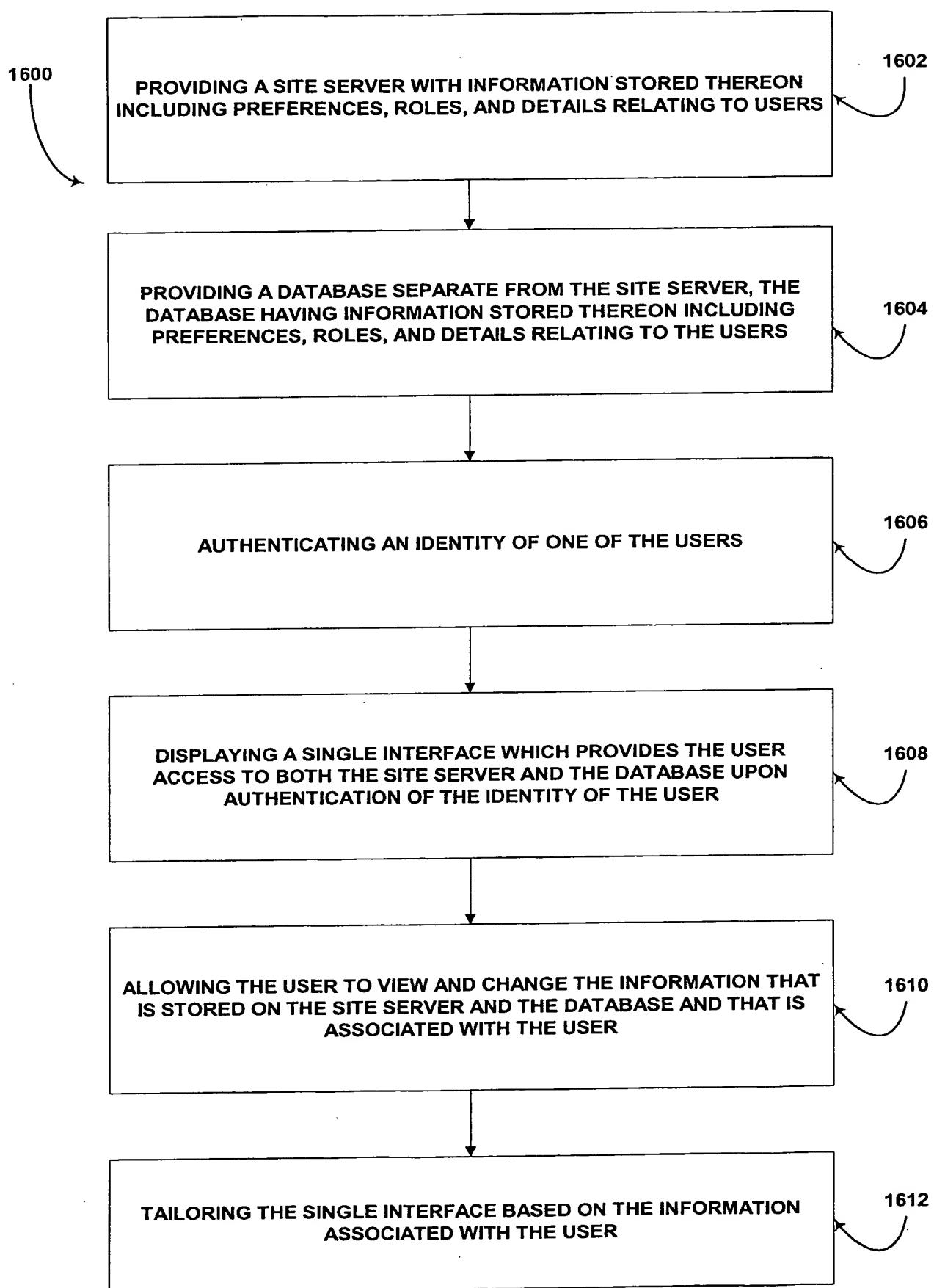


Figure 16

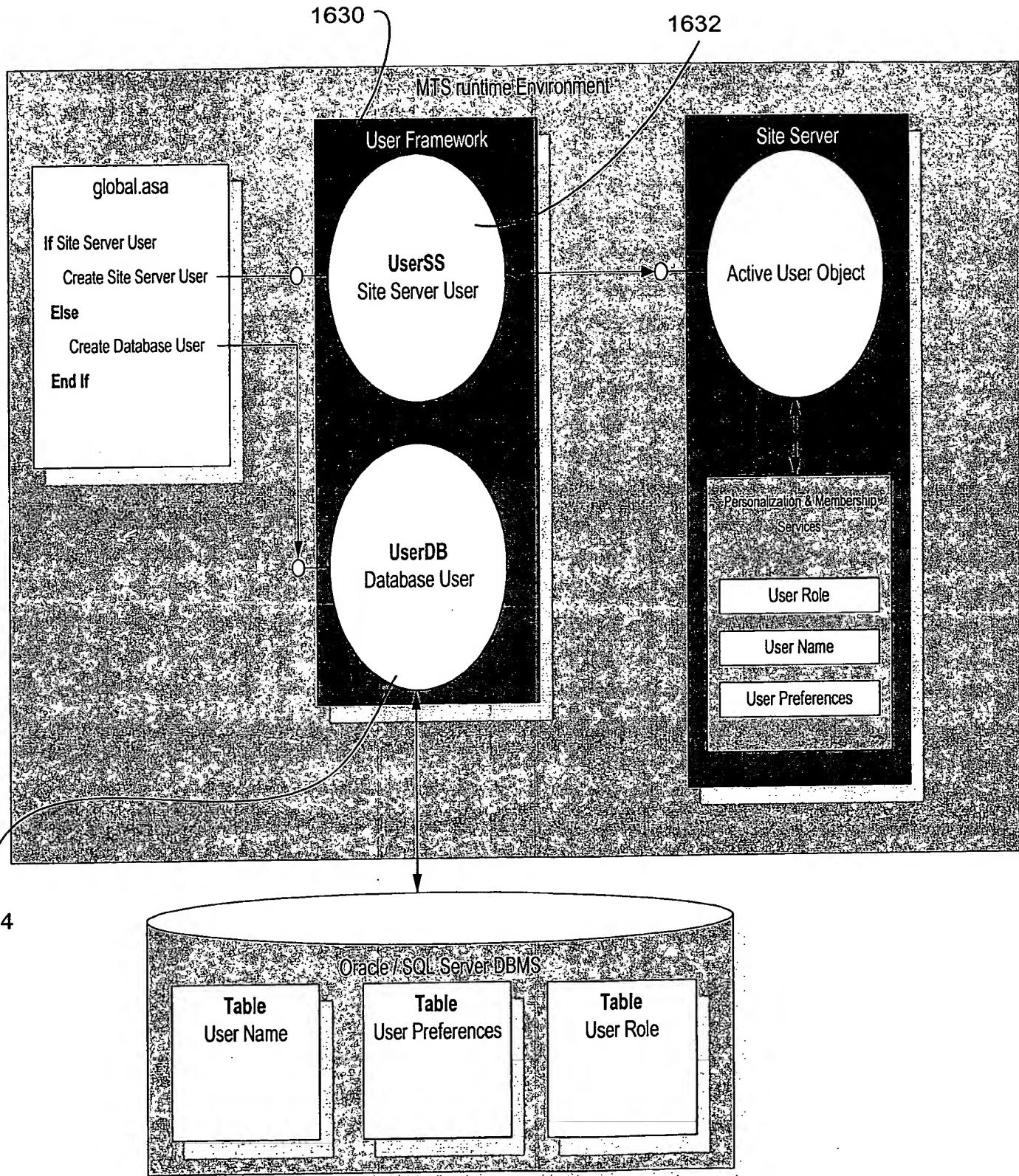


Figure 16.1

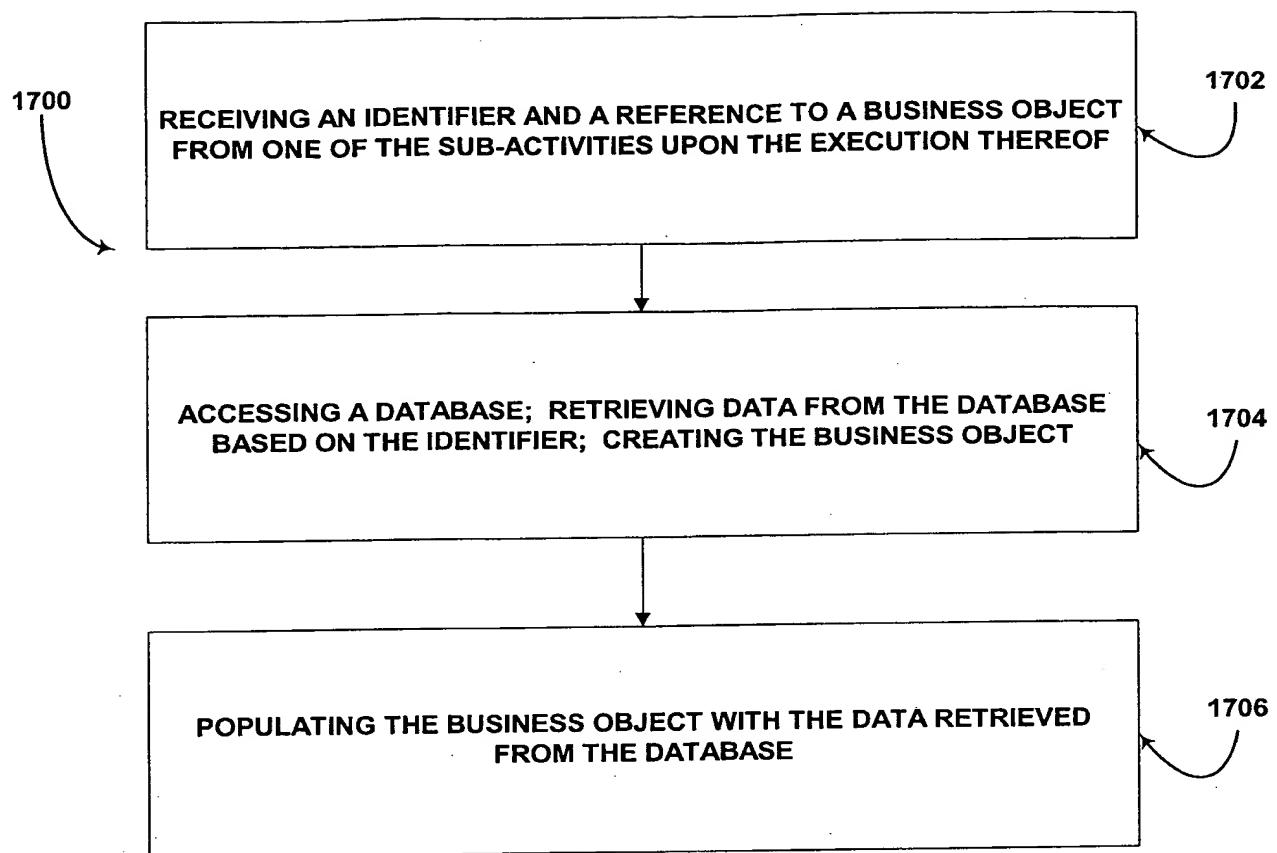


Figure 17

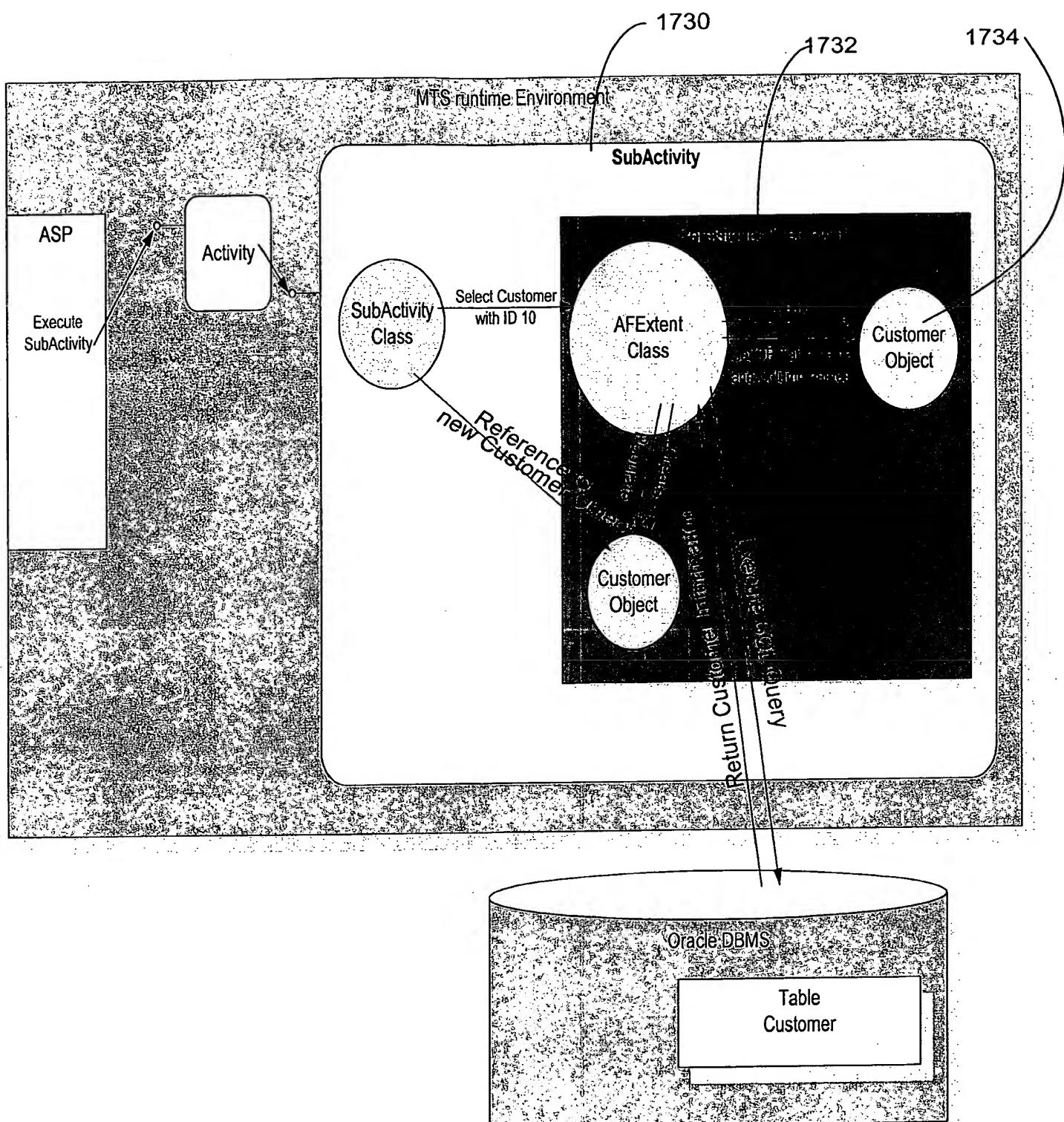


Figure 17.1

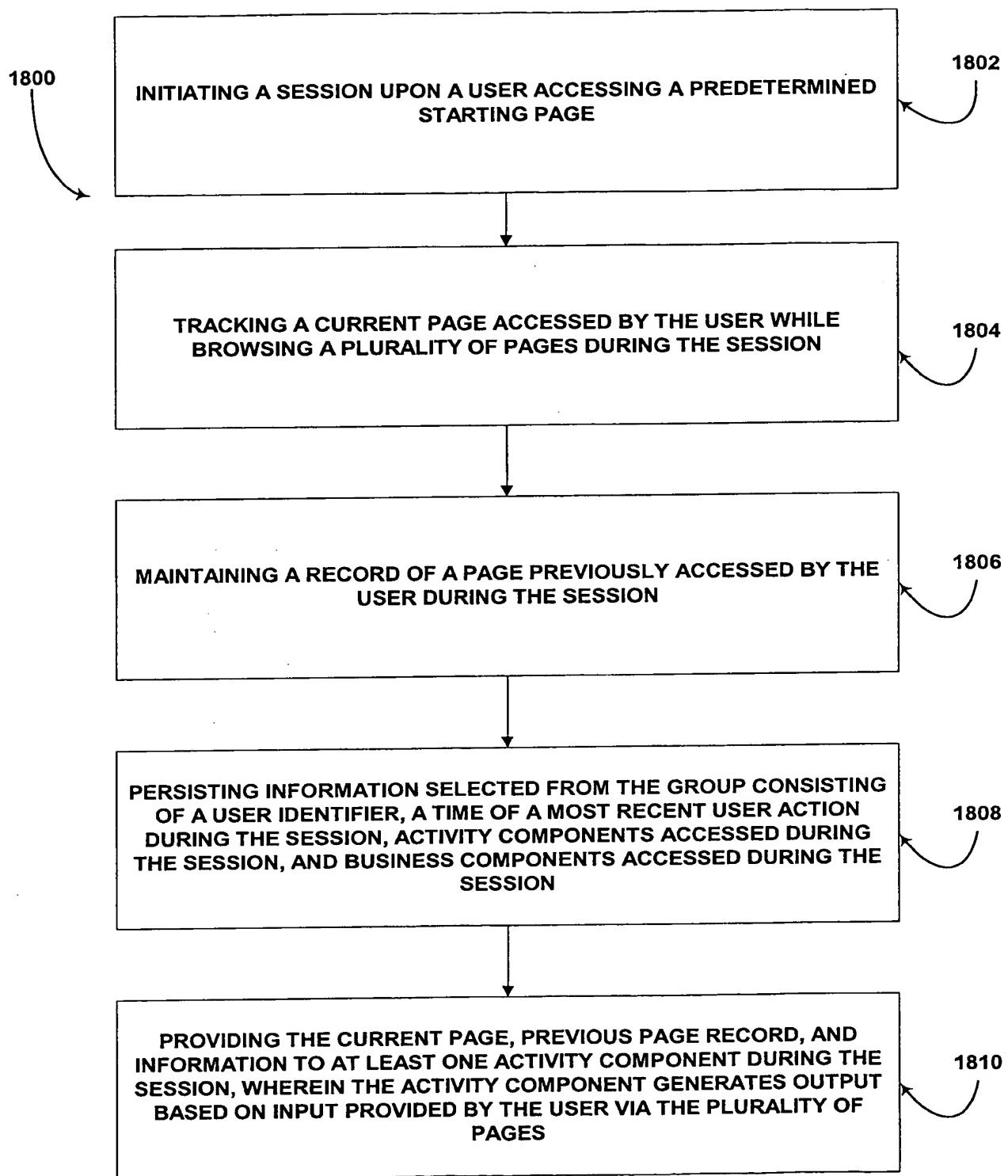


Figure 18

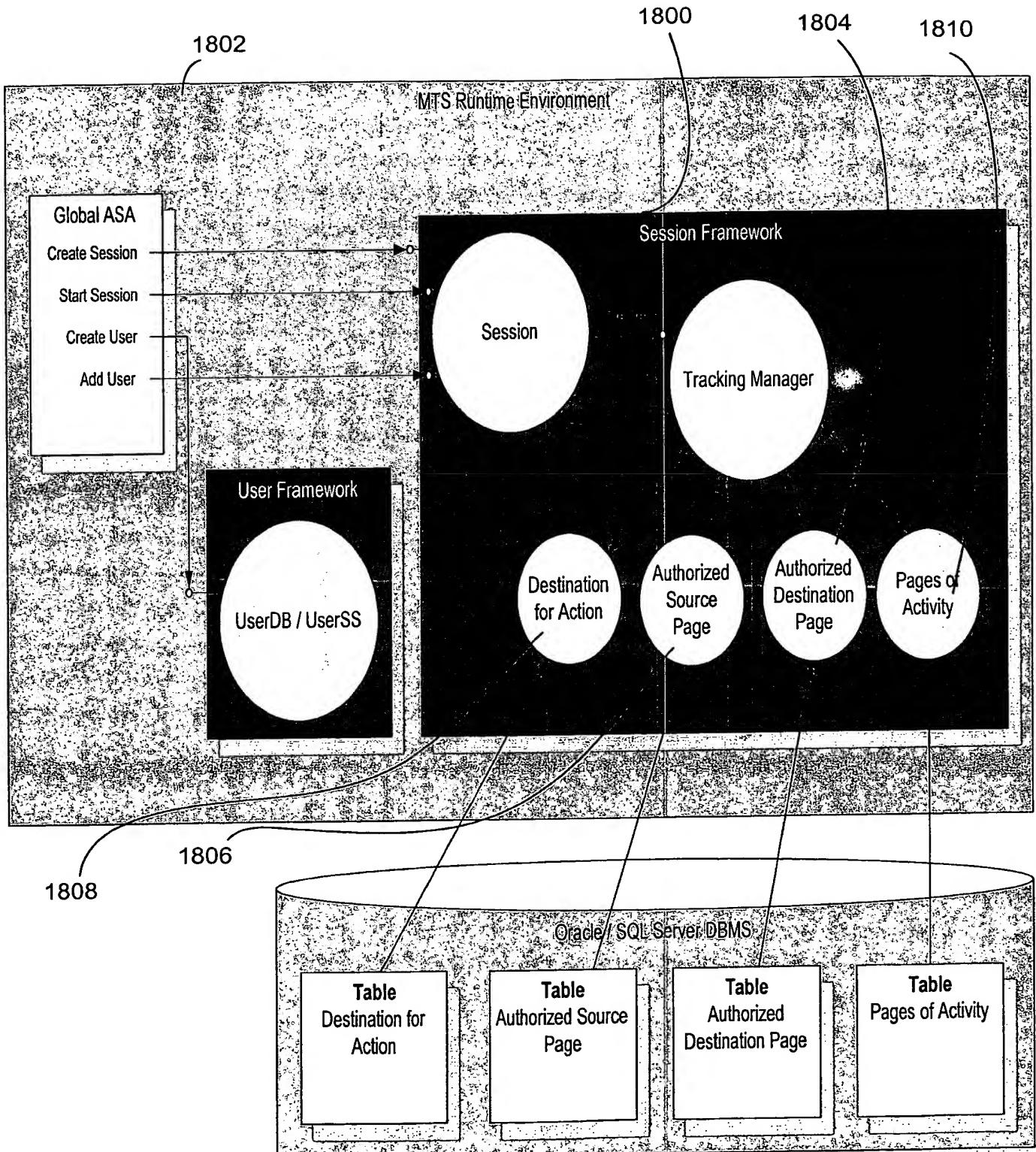


Figure 18.1

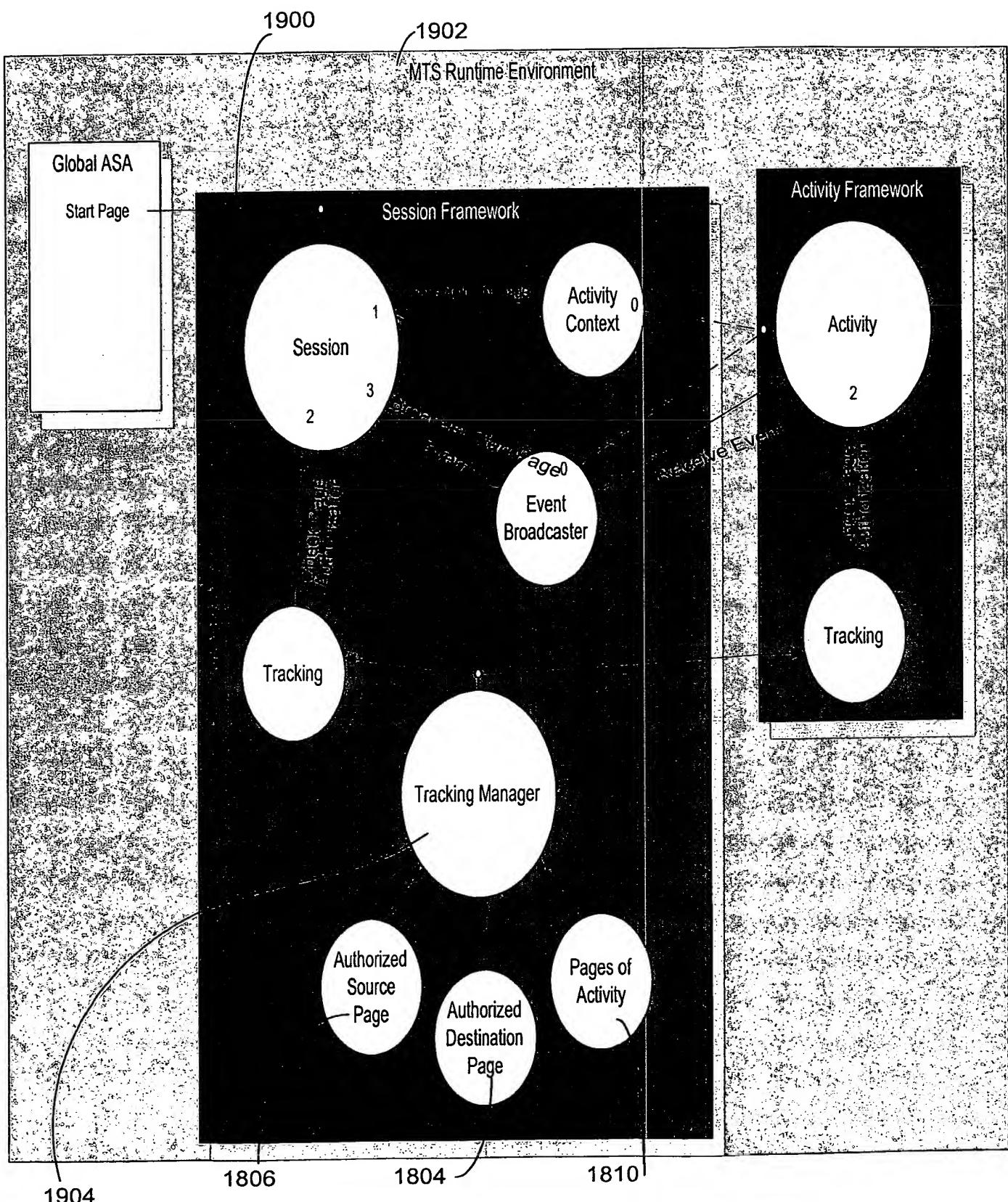


Figure 19

00022000-6289-8560

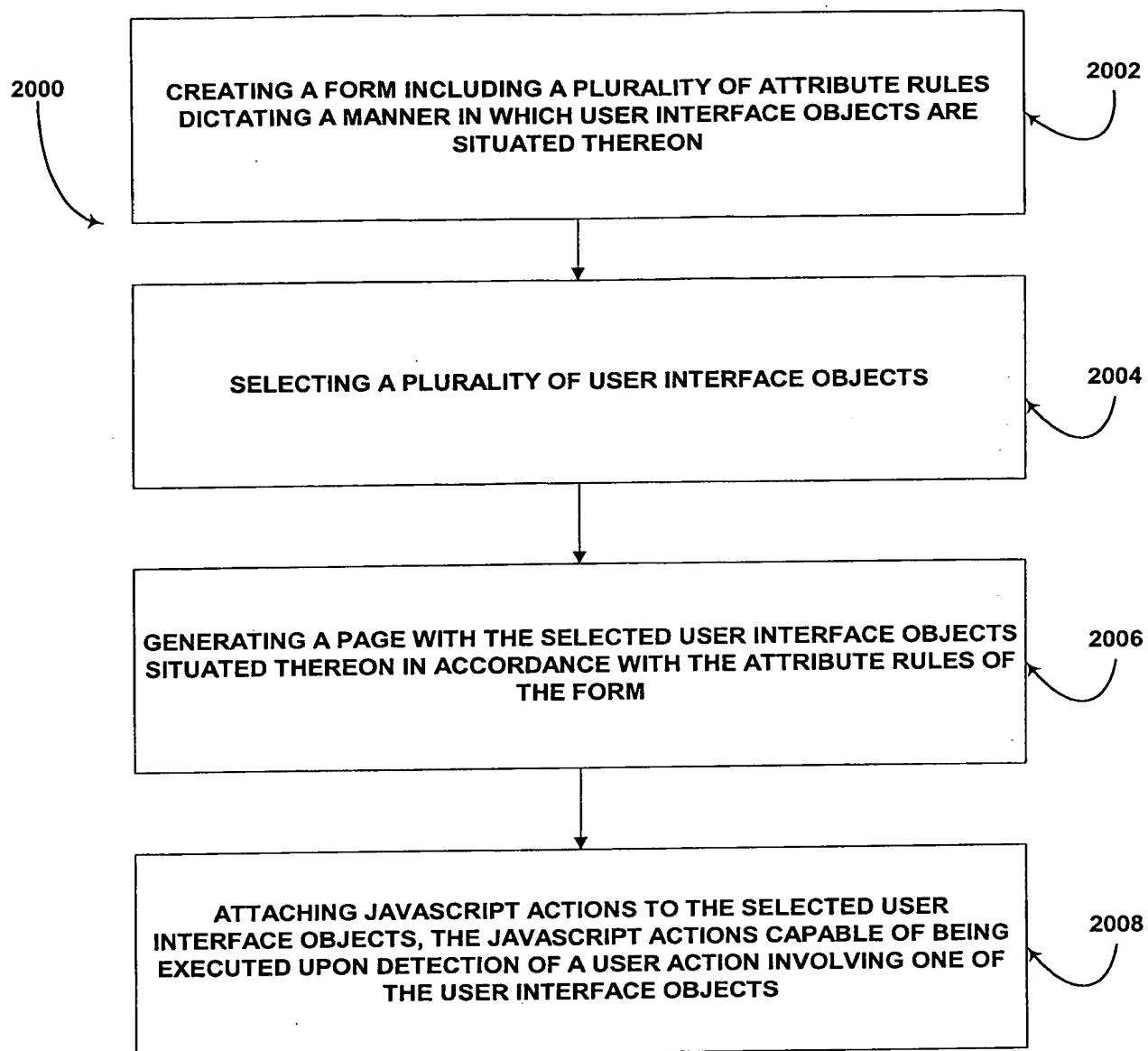


Figure 20

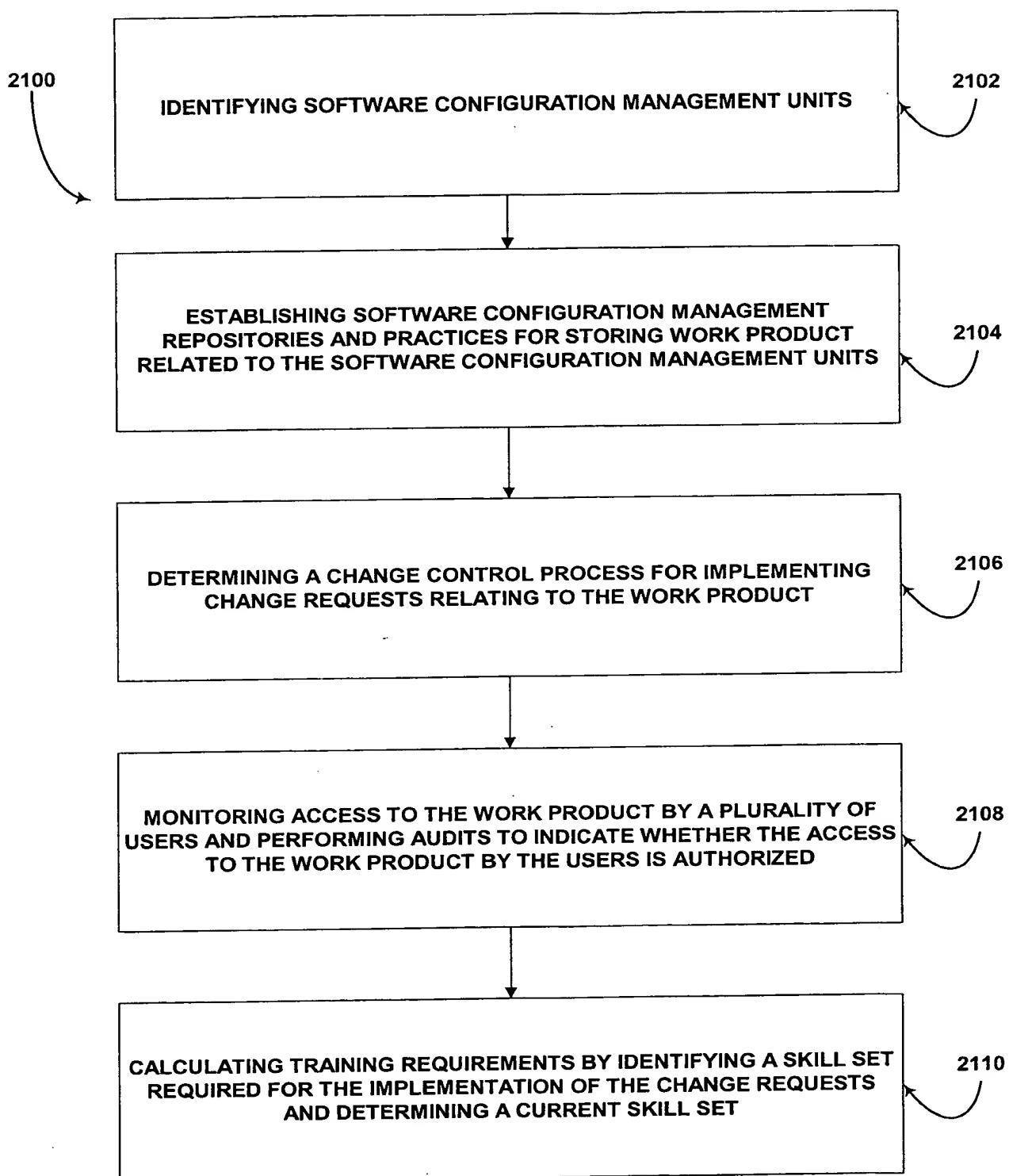


Figure 21

095536879-032700

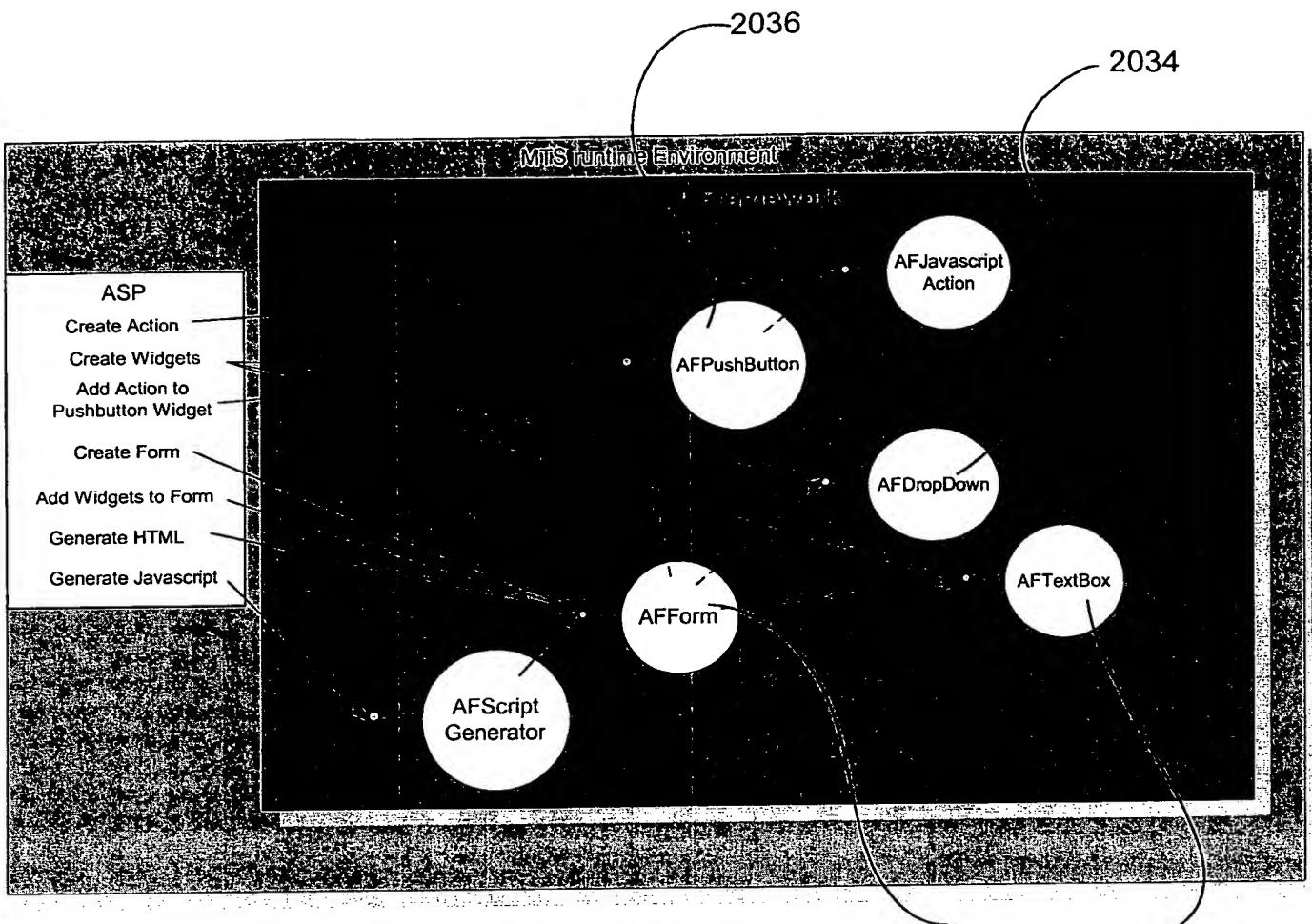


Figure 20.1

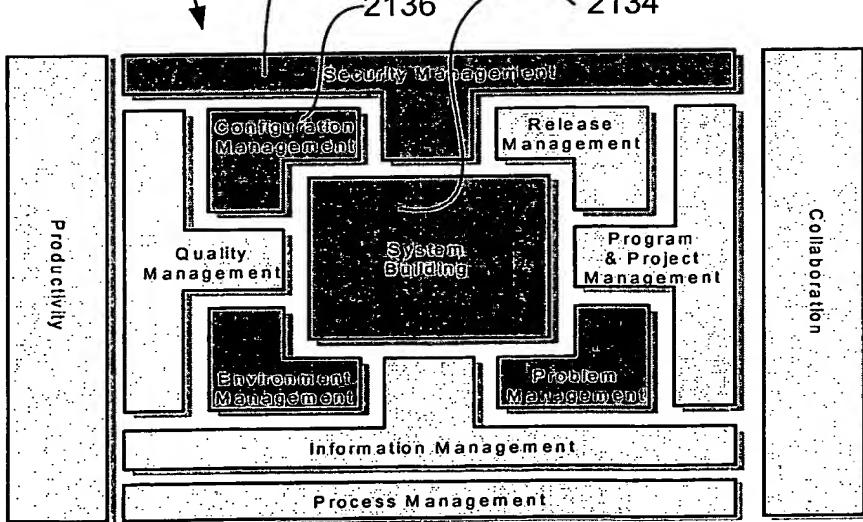


Figure 21.1

002200-62896360

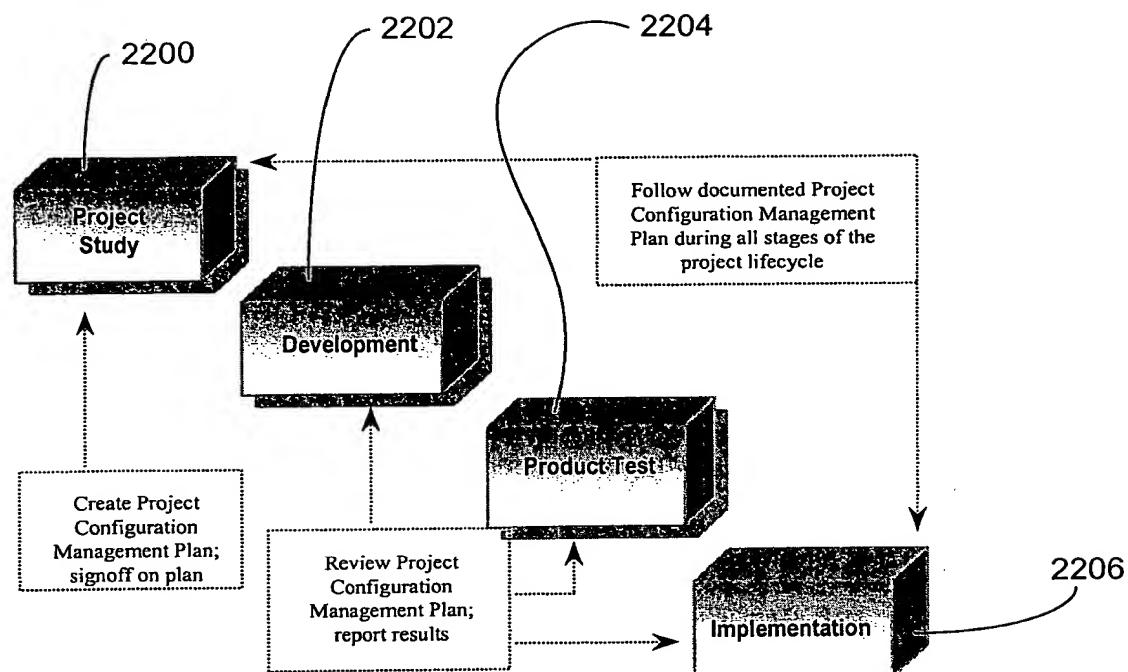


Figure 22

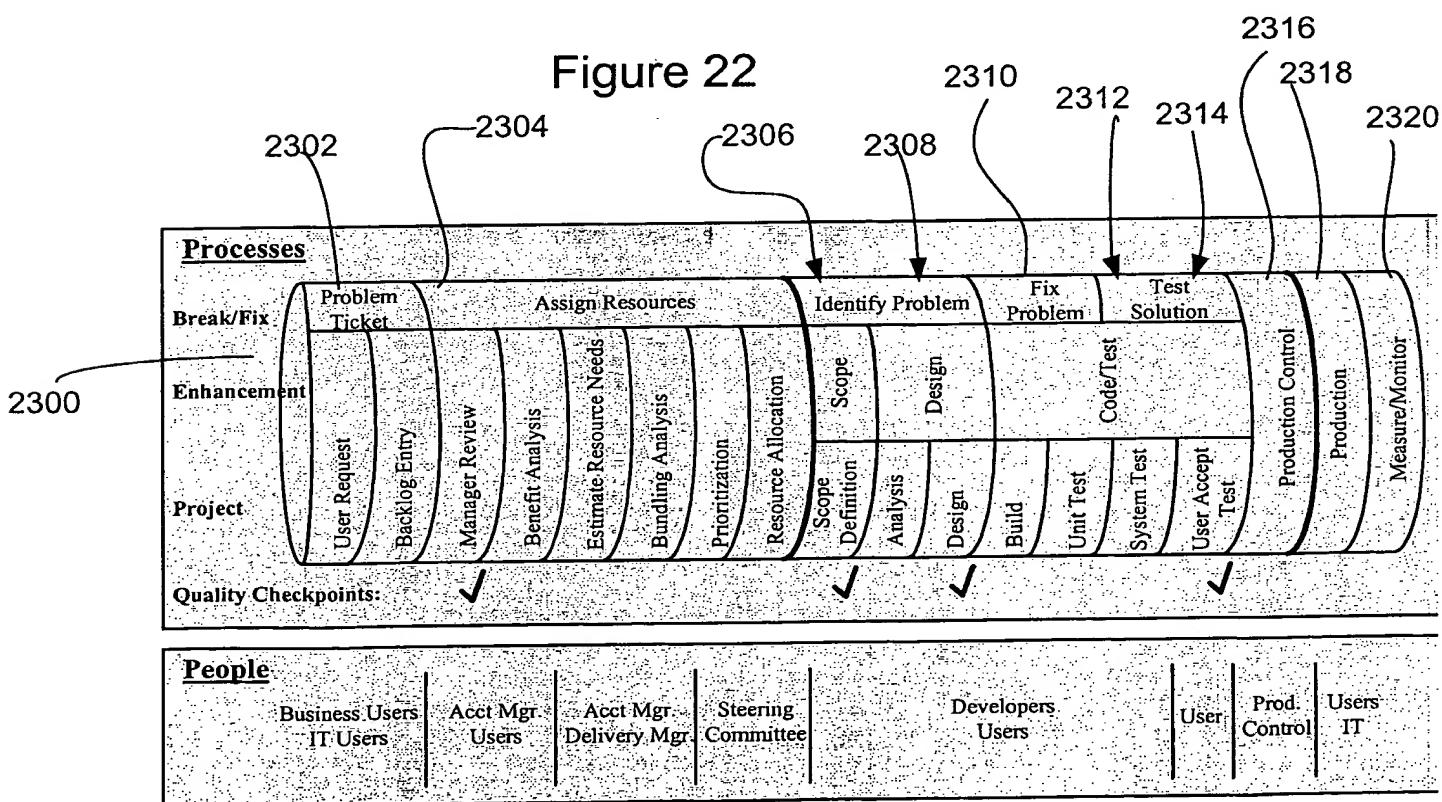


Figure 23

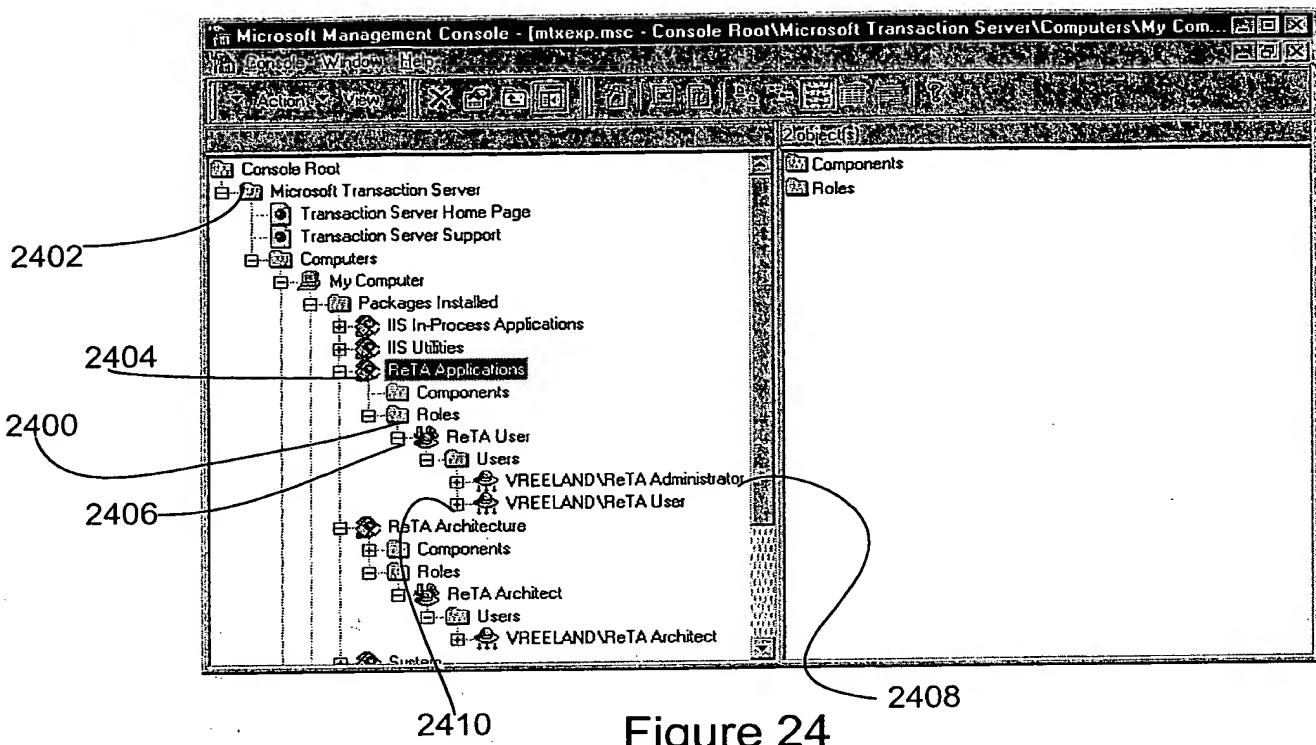


Figure 24

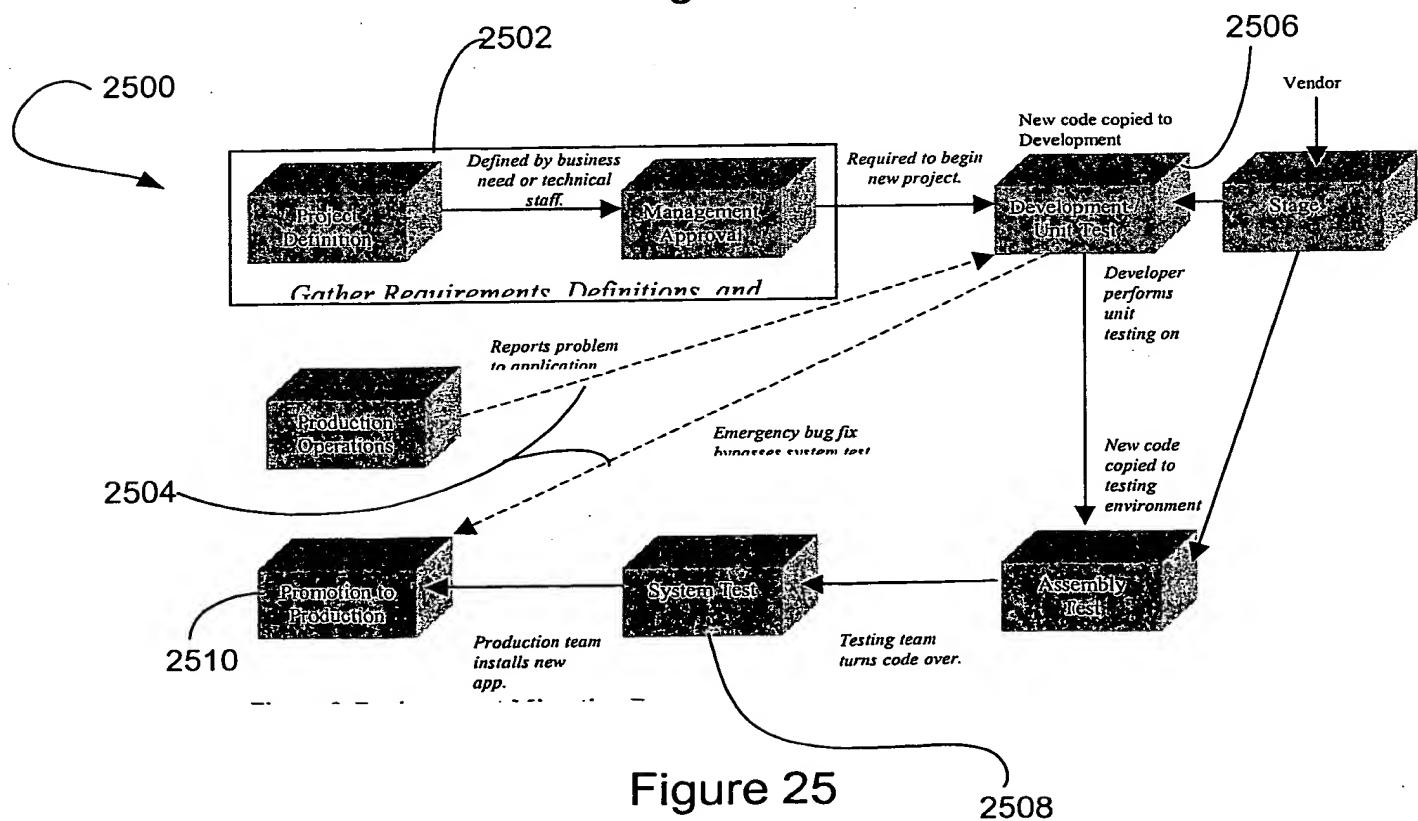


Figure 25

2508

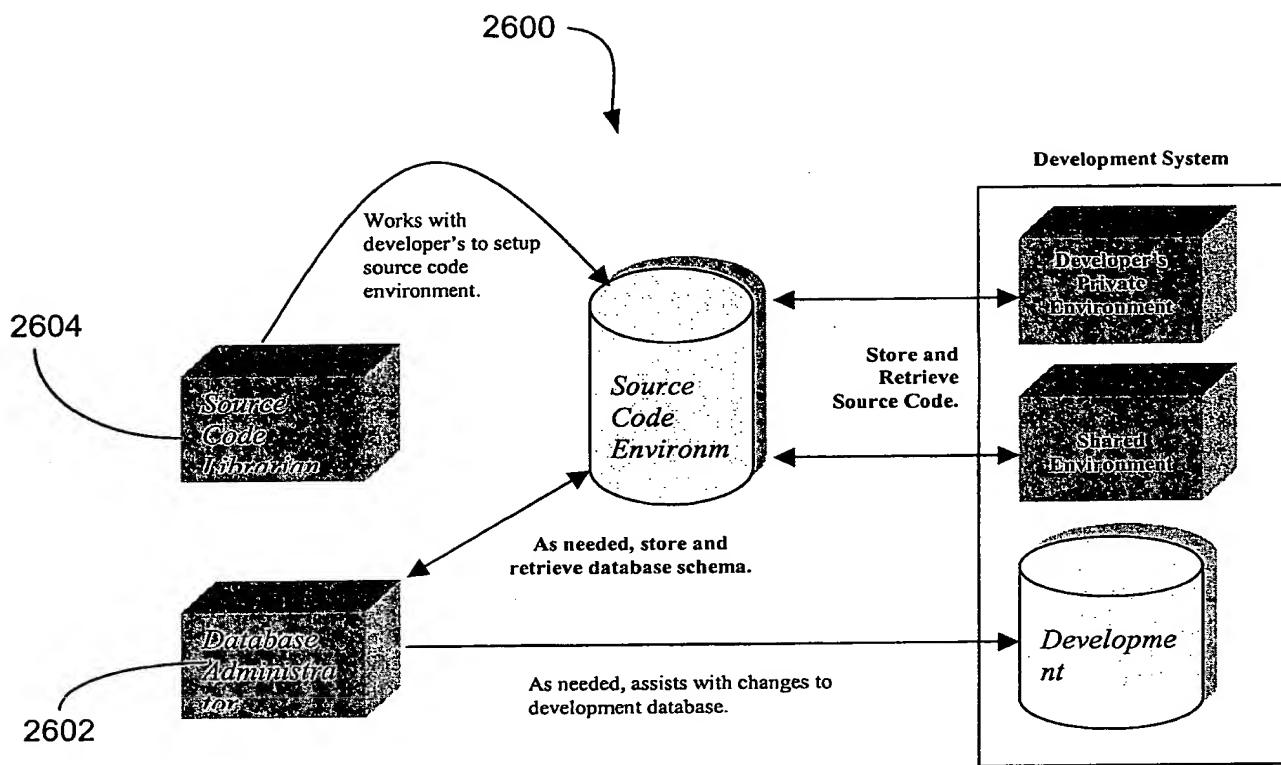


Figure 26

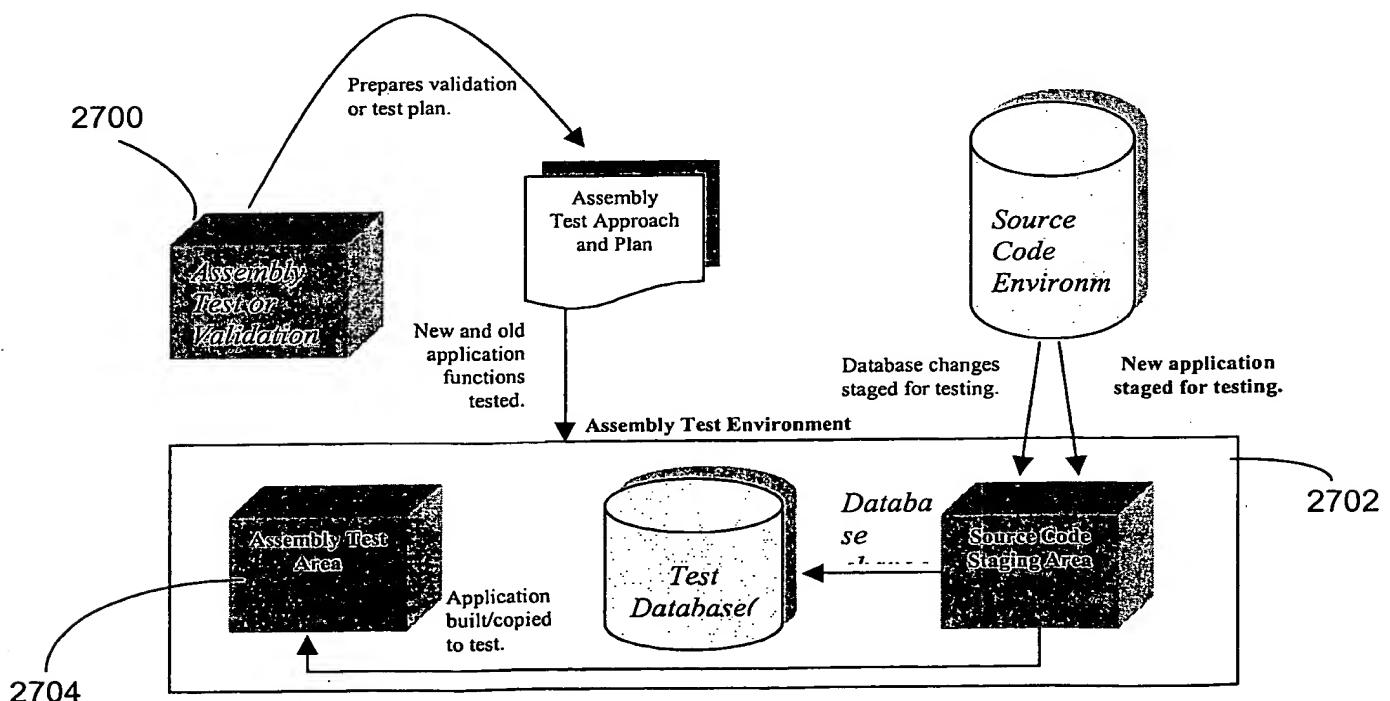


Figure 27

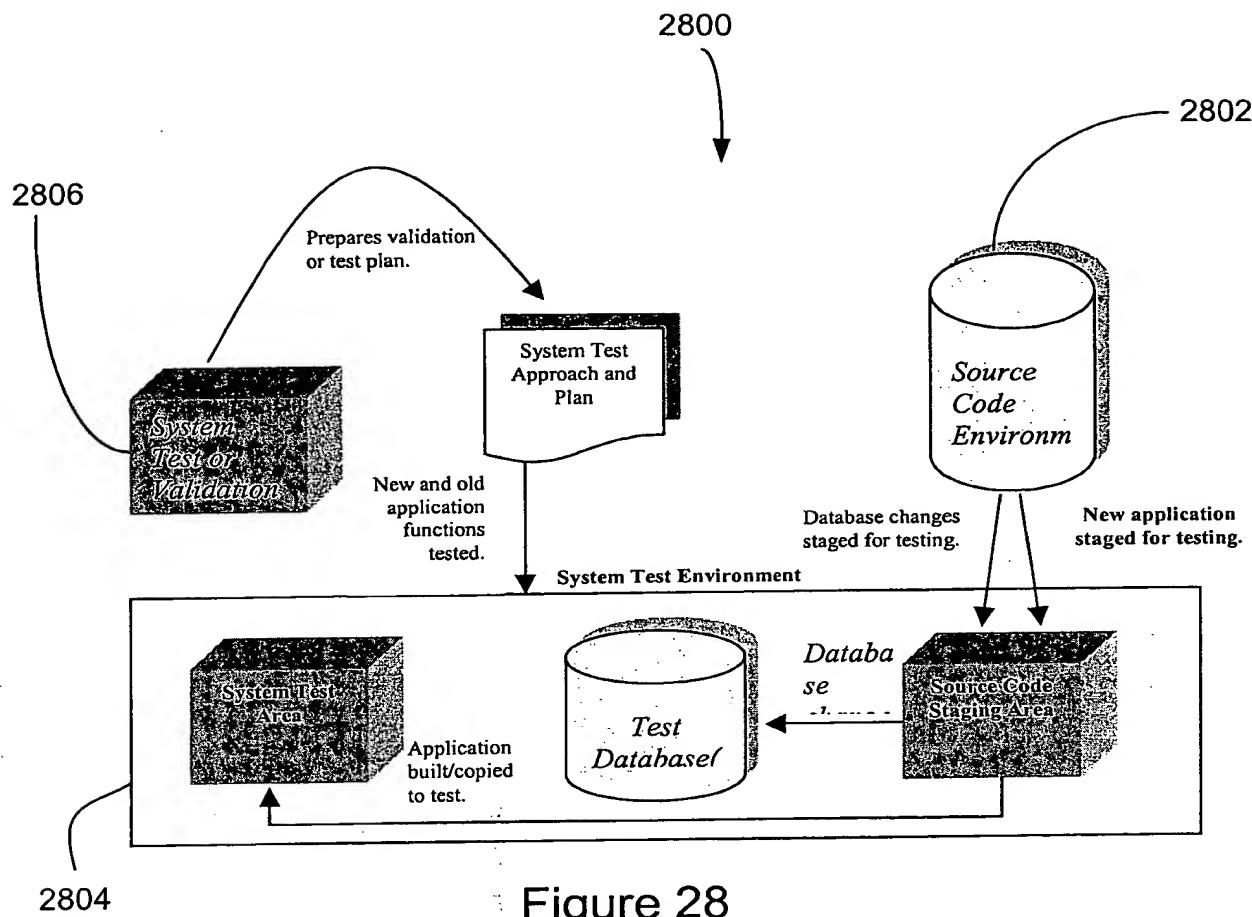


Figure 28

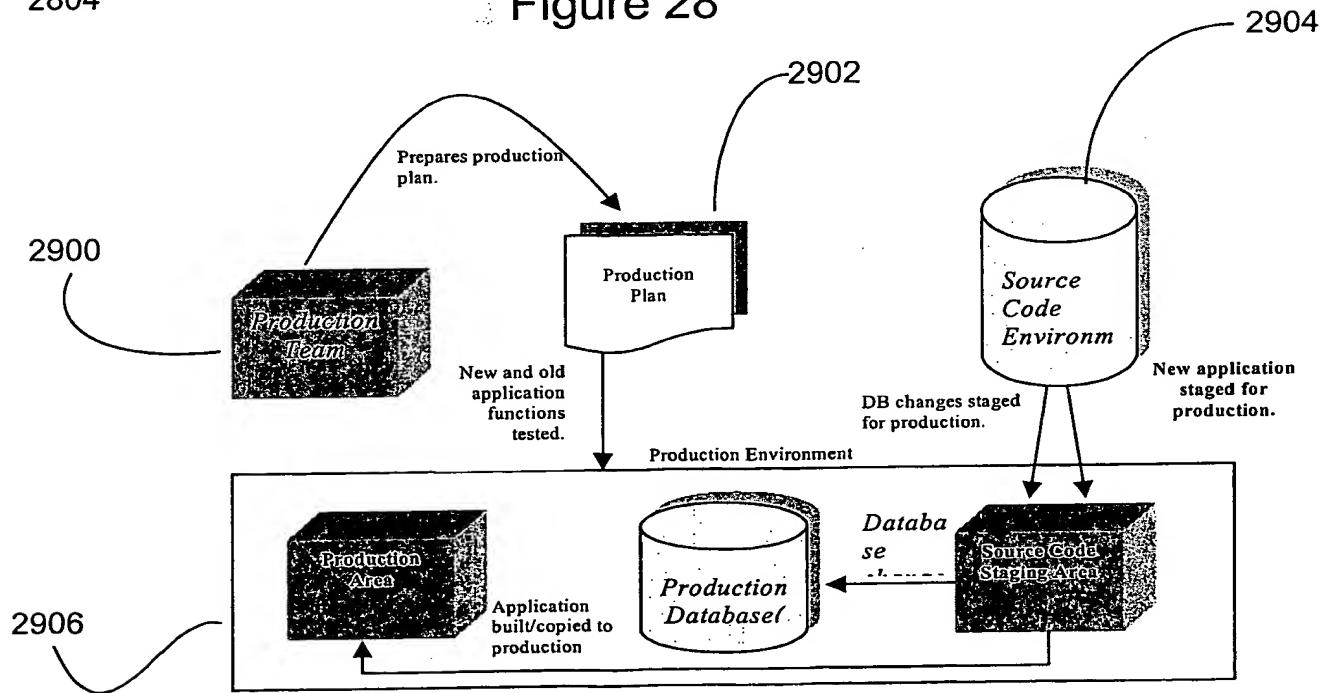
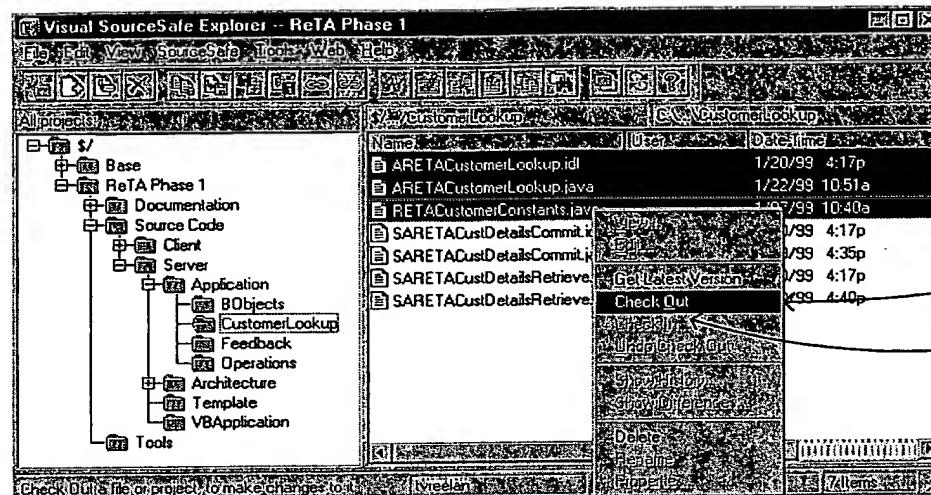


Figure 29

3000



3004

3002

Figure 30

3100

3102

3104

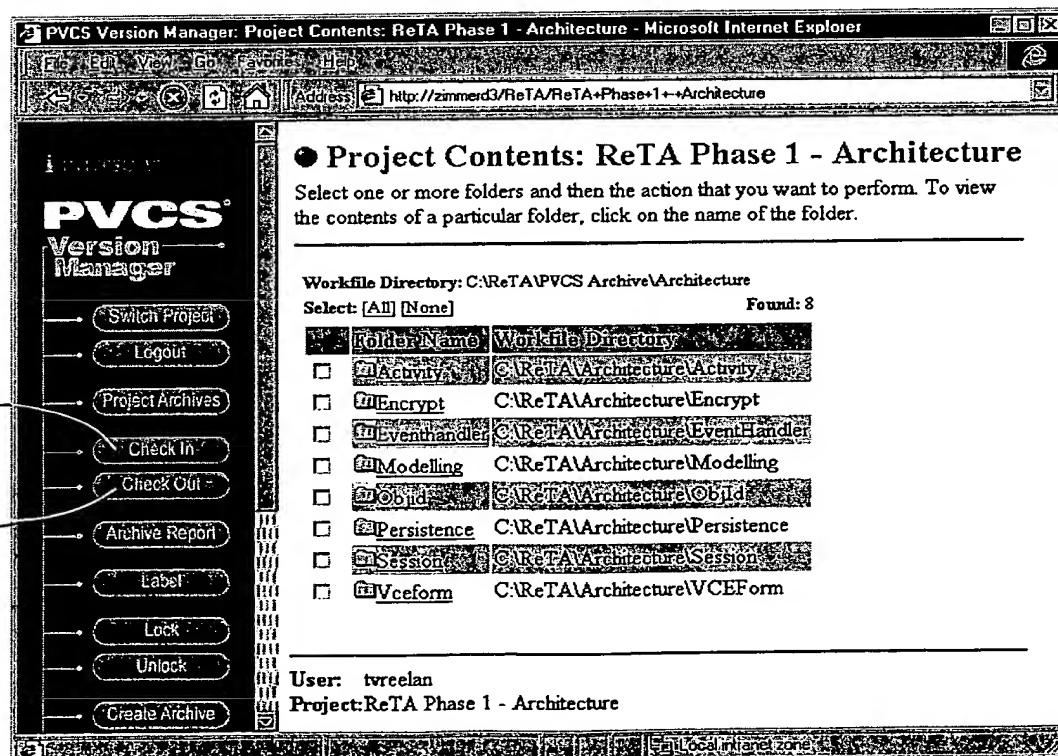


Figure 31

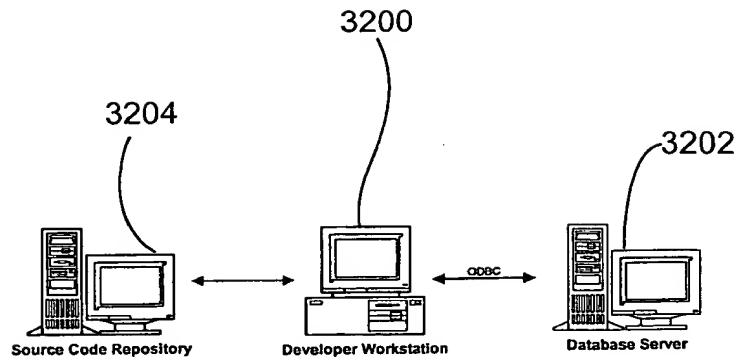


Figure 32

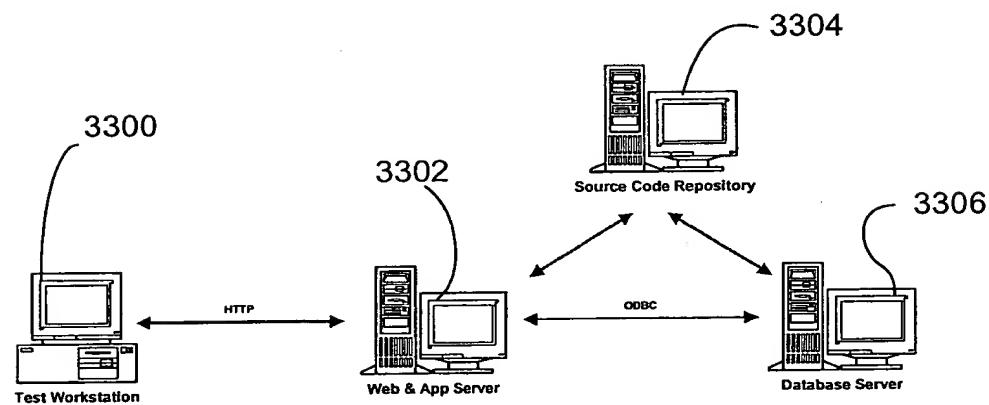


Figure 33

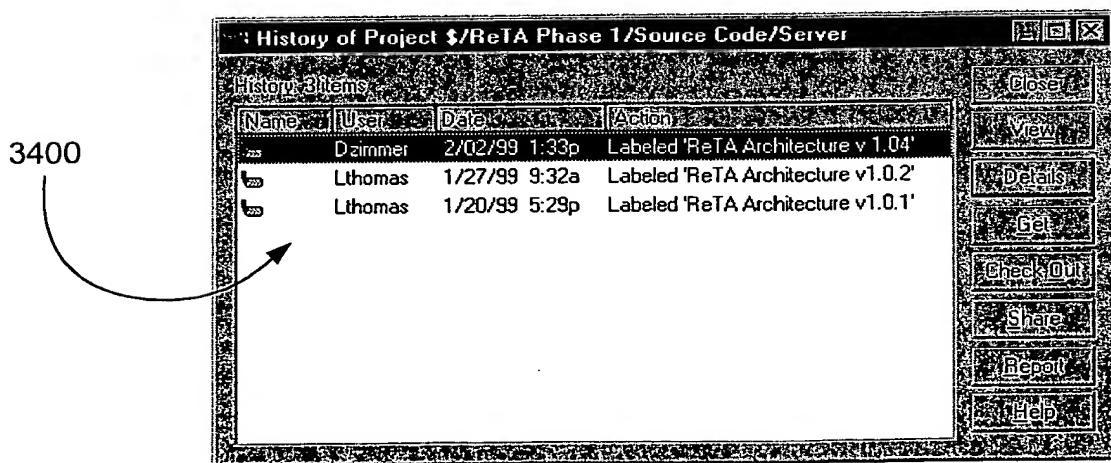


Figure 34

00000000000000000000000000000000

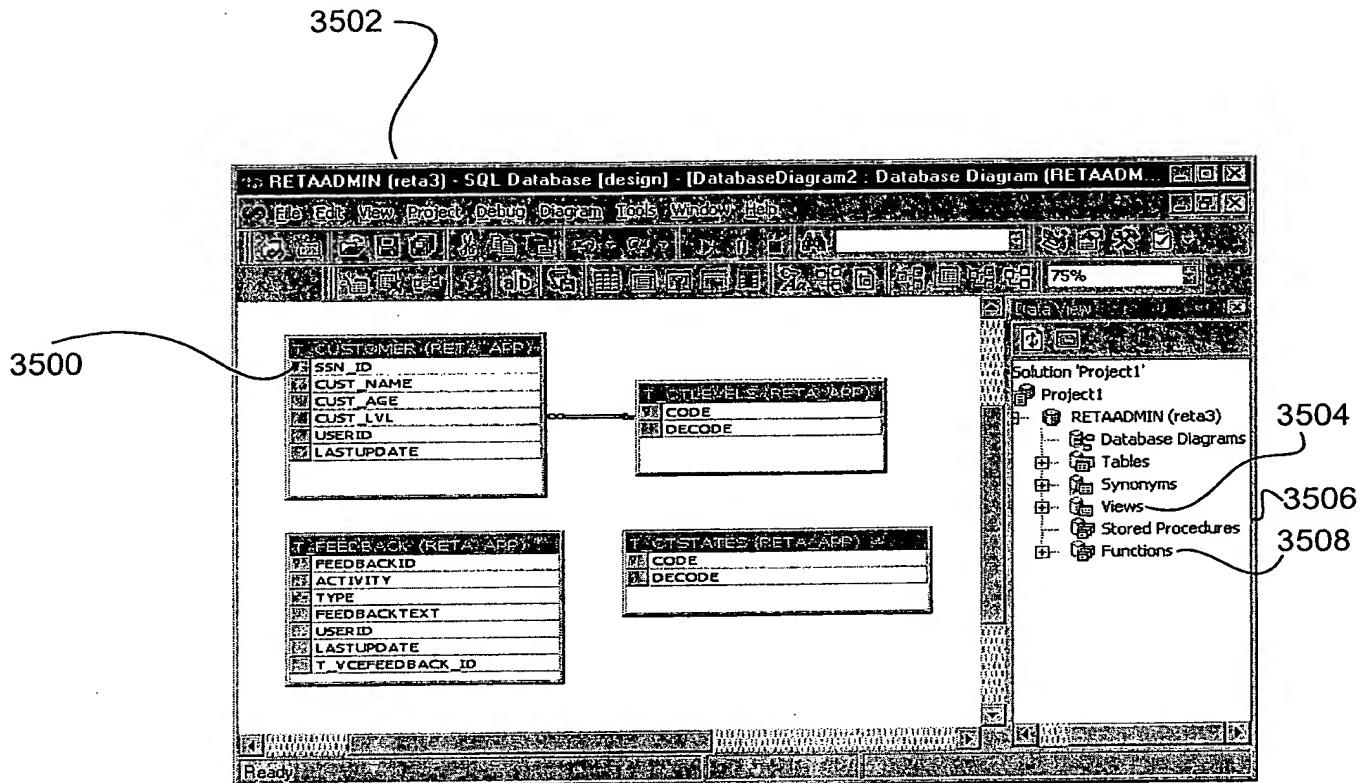


Figure 35

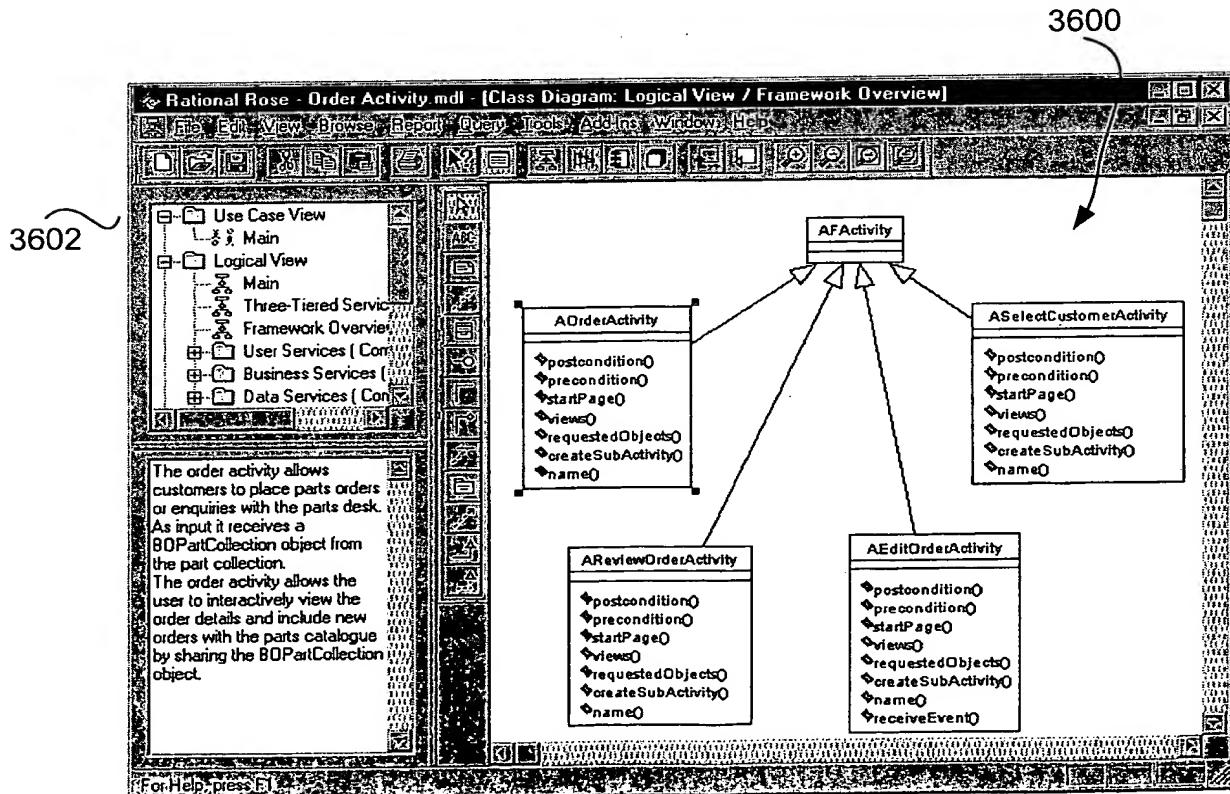


Figure 36

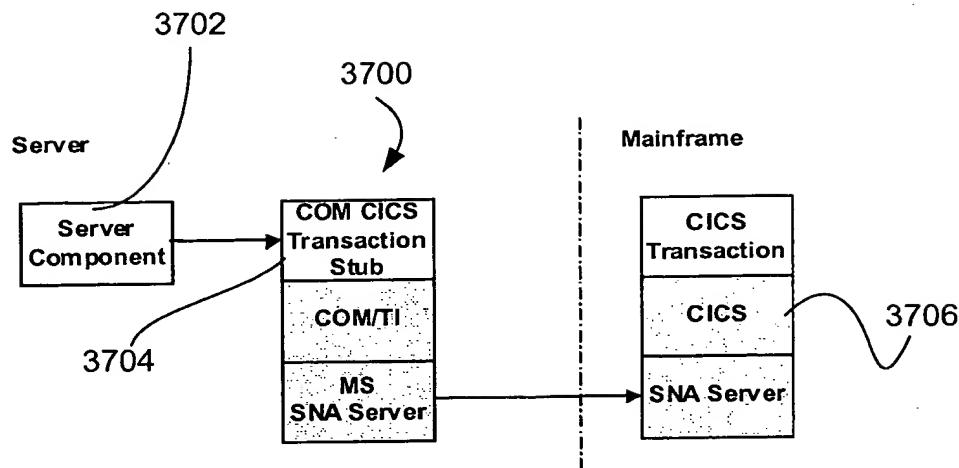


Figure 37

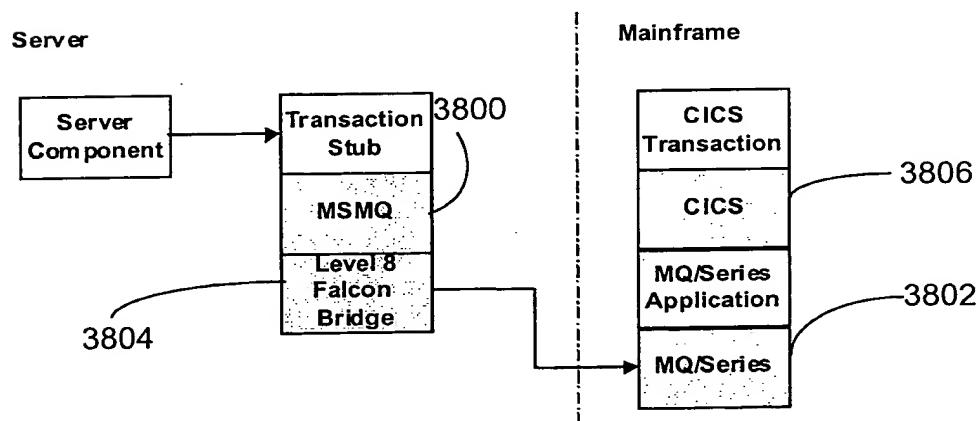


Figure 38

3900

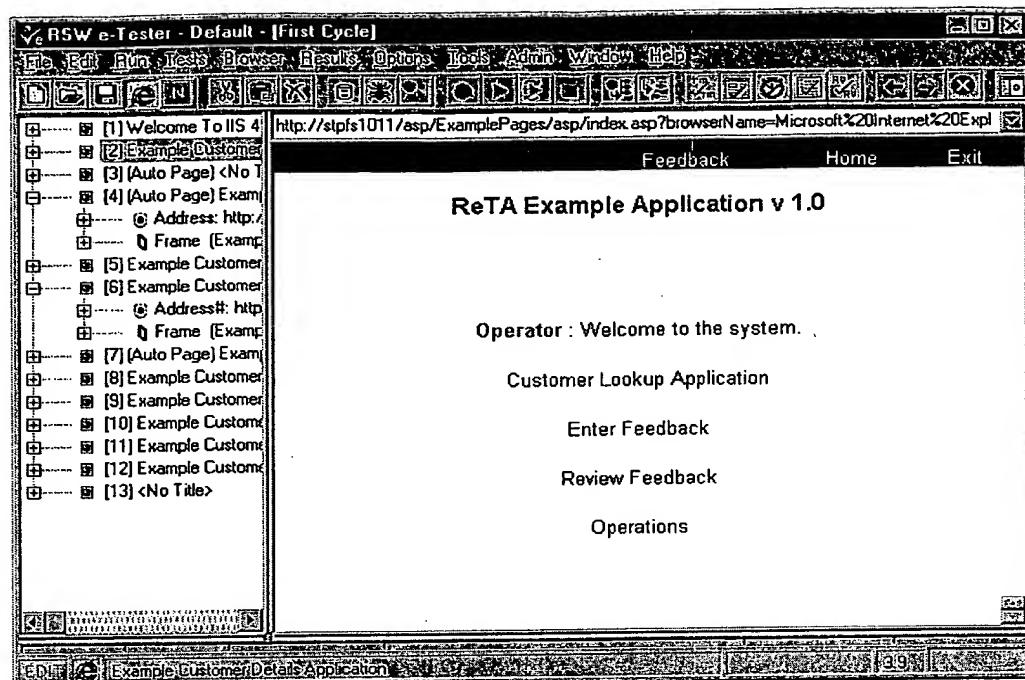


Figure 39

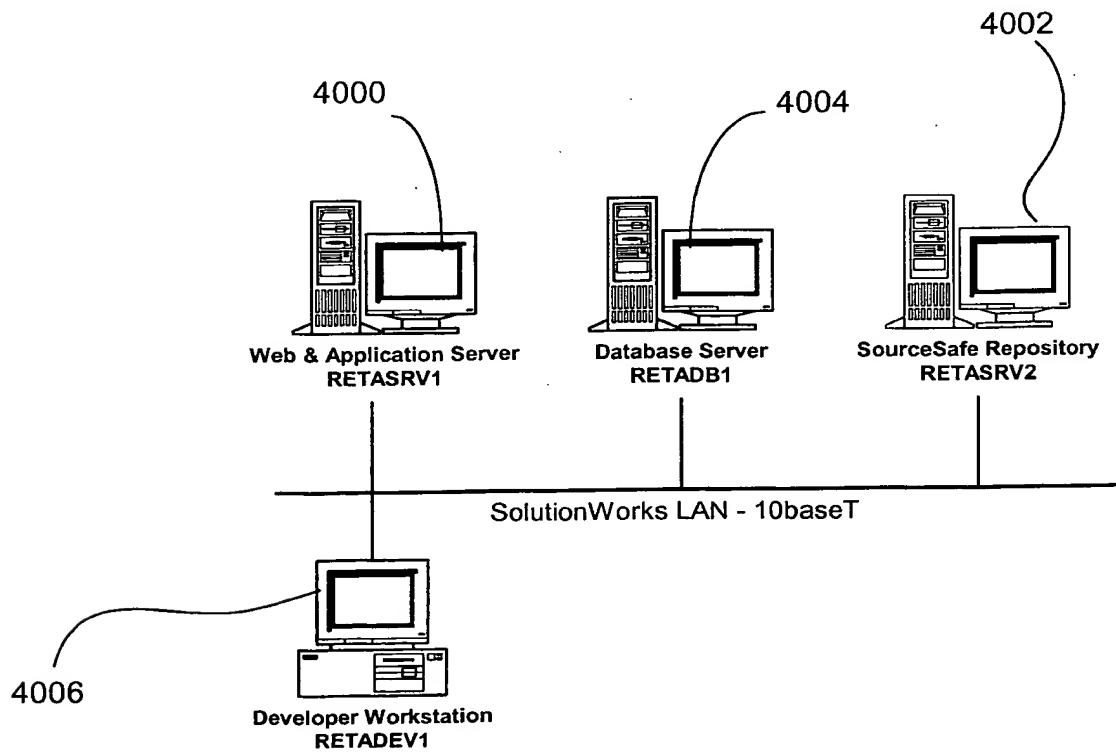


Figure 40

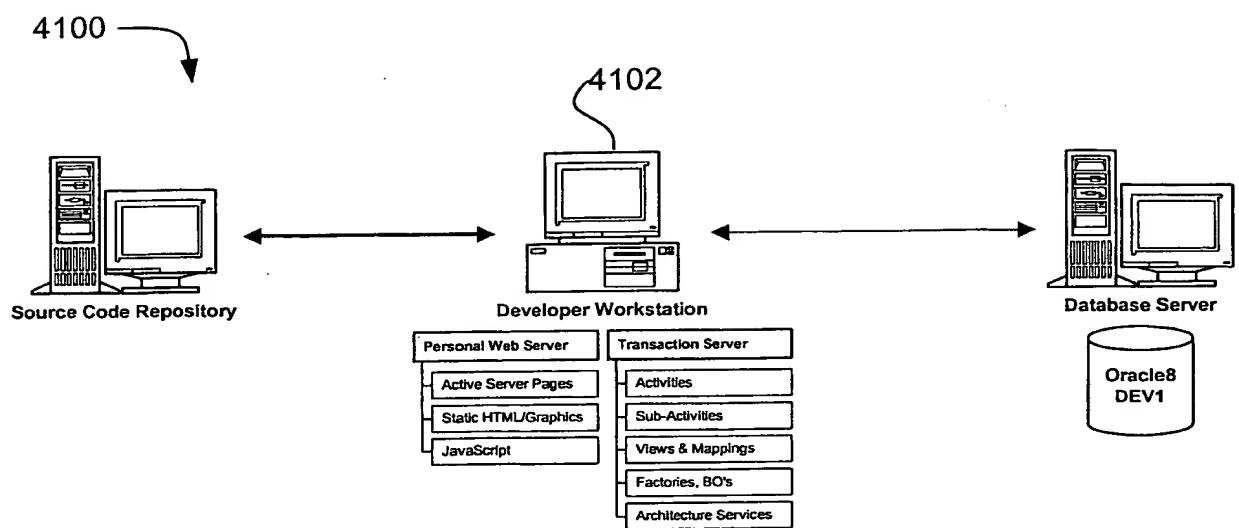


Figure 41

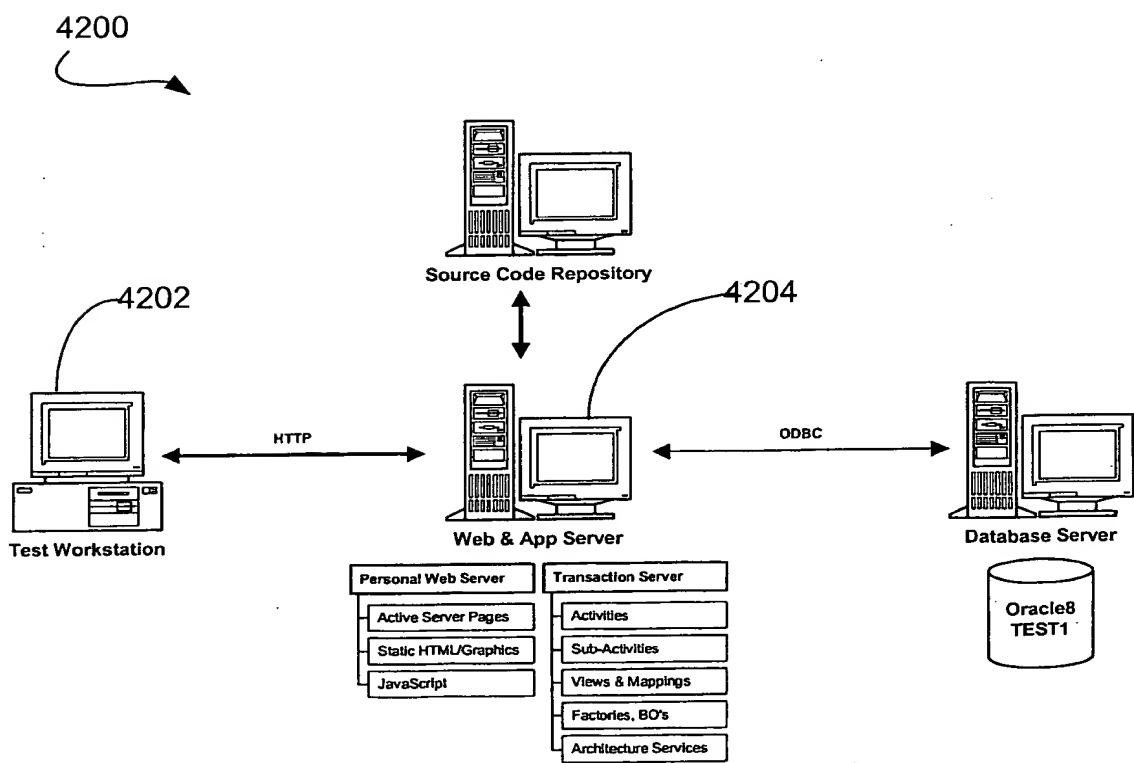


Figure 42

09536879.0132700

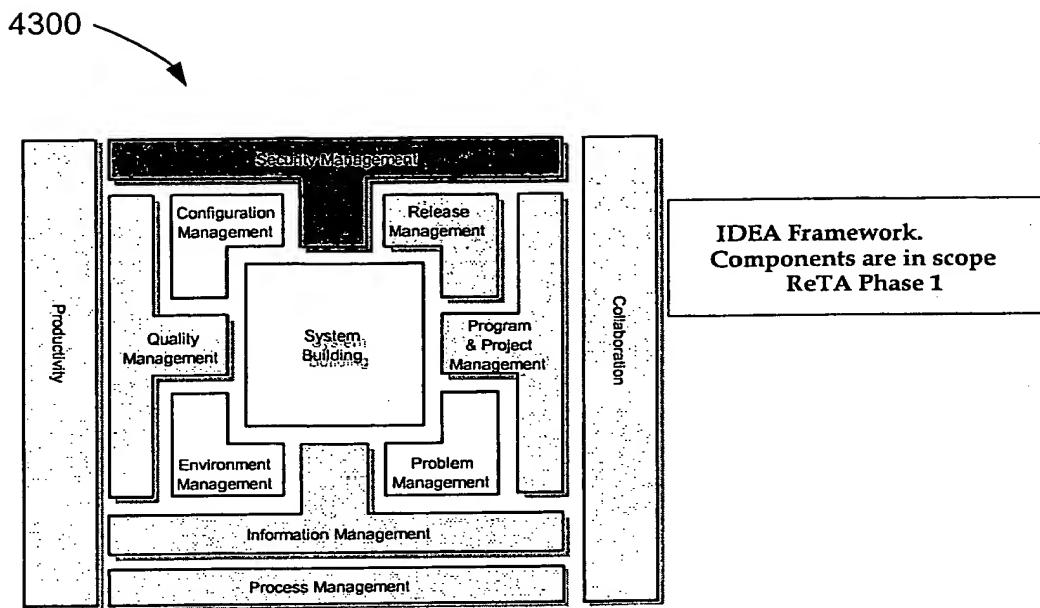


Figure 43

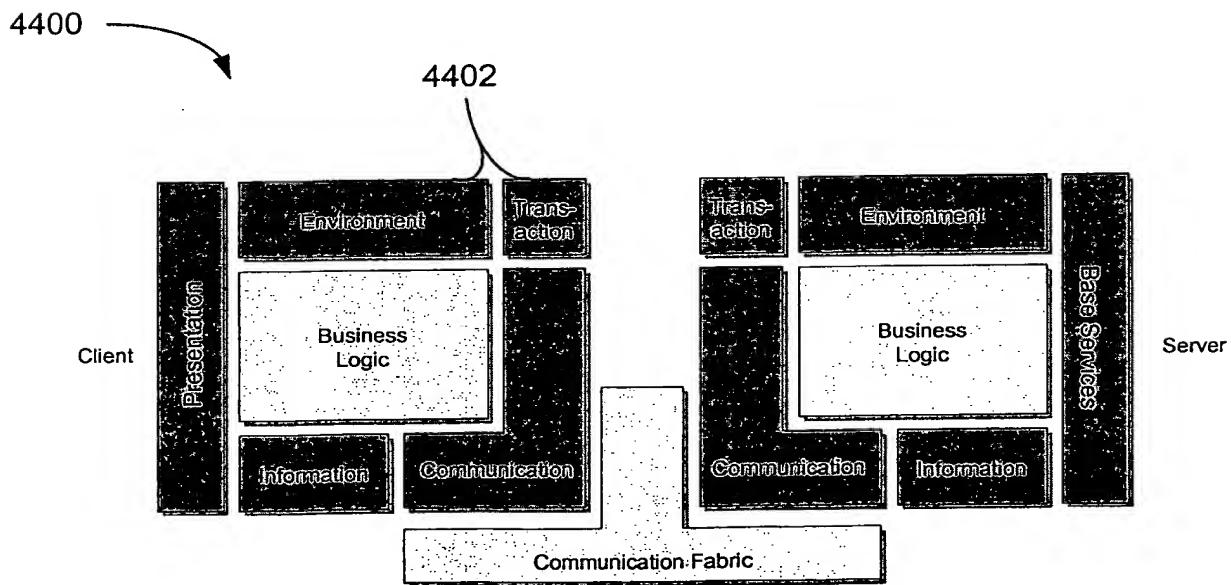


Figure 44

4500

4502

4504

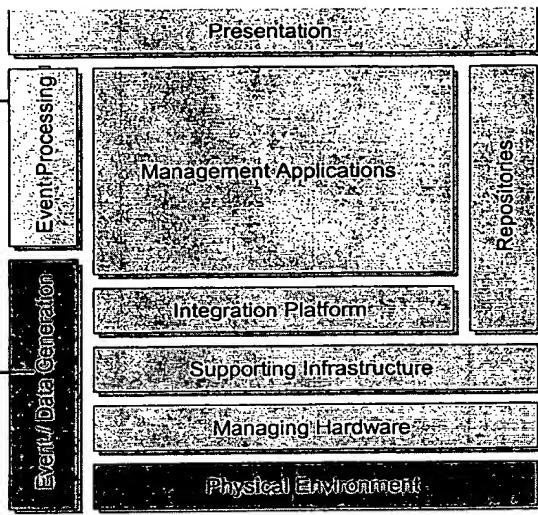


Figure 45

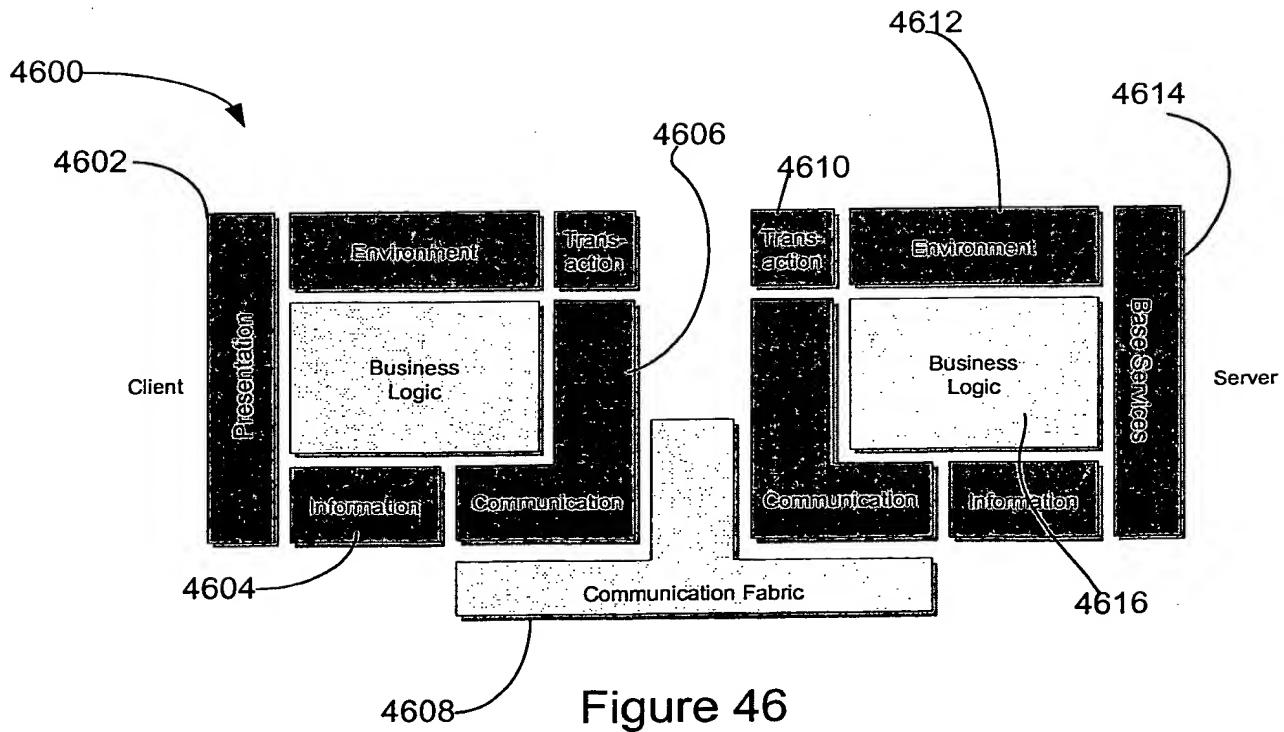


Figure 46

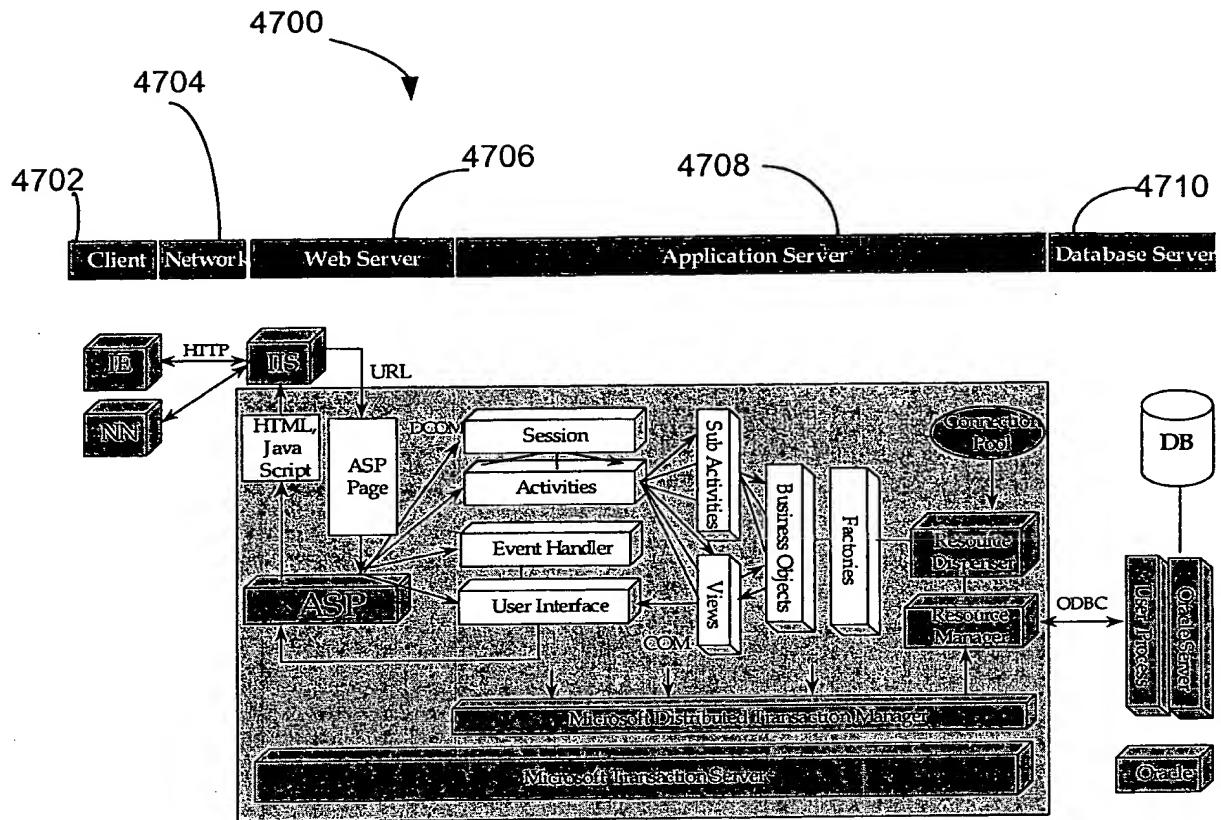


Figure 47

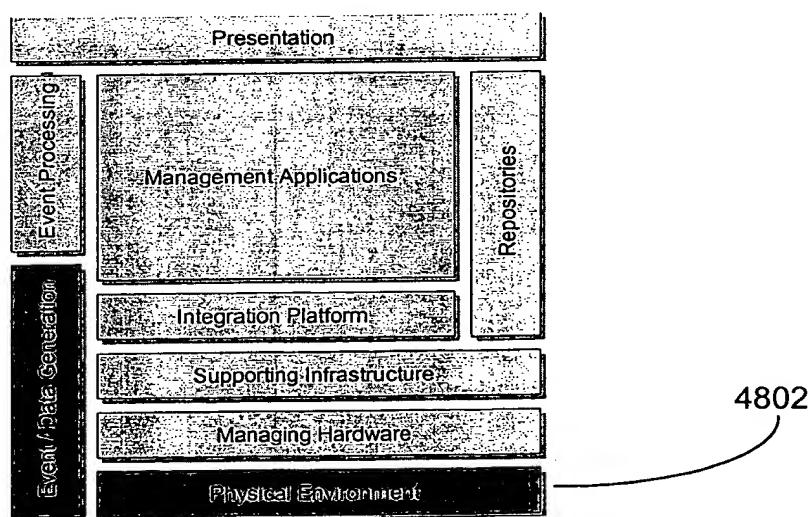


Figure 48

09536879 032700

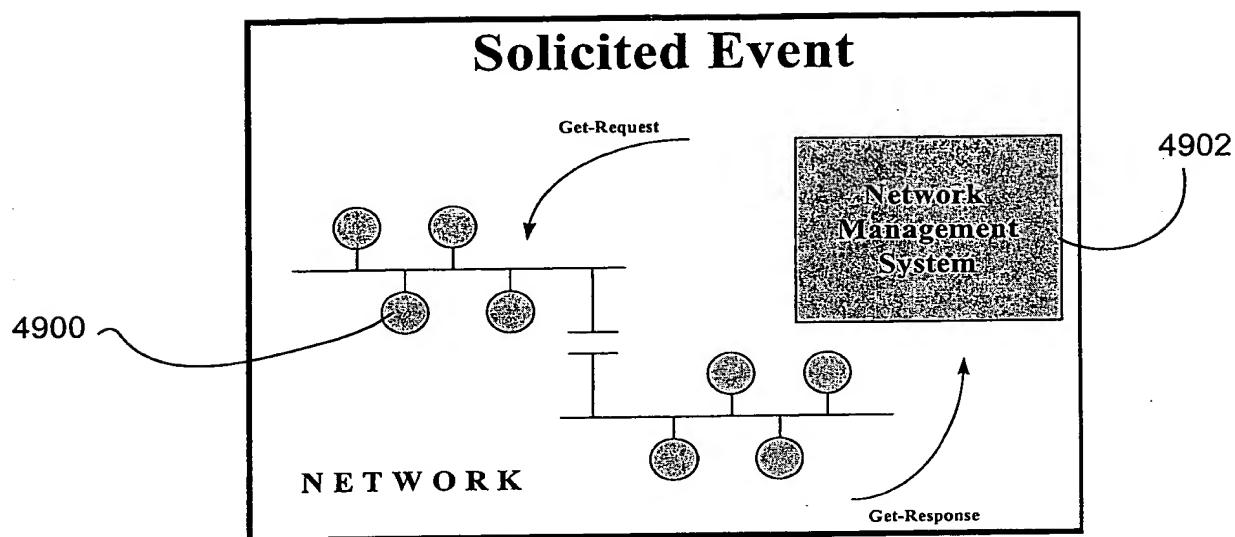


Figure 49

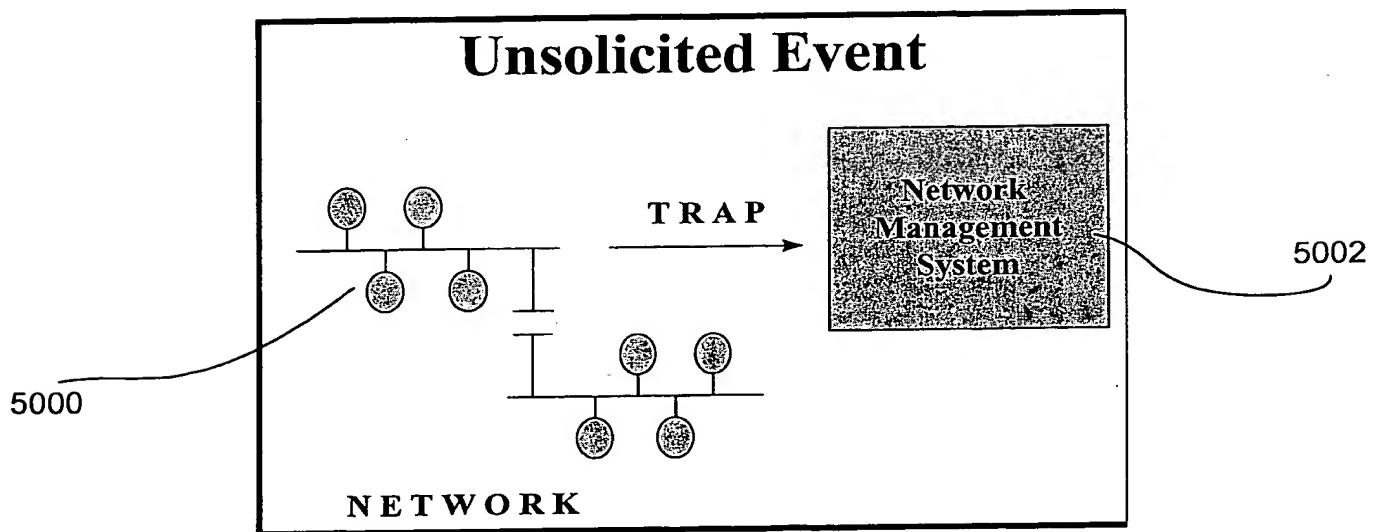


Figure 50

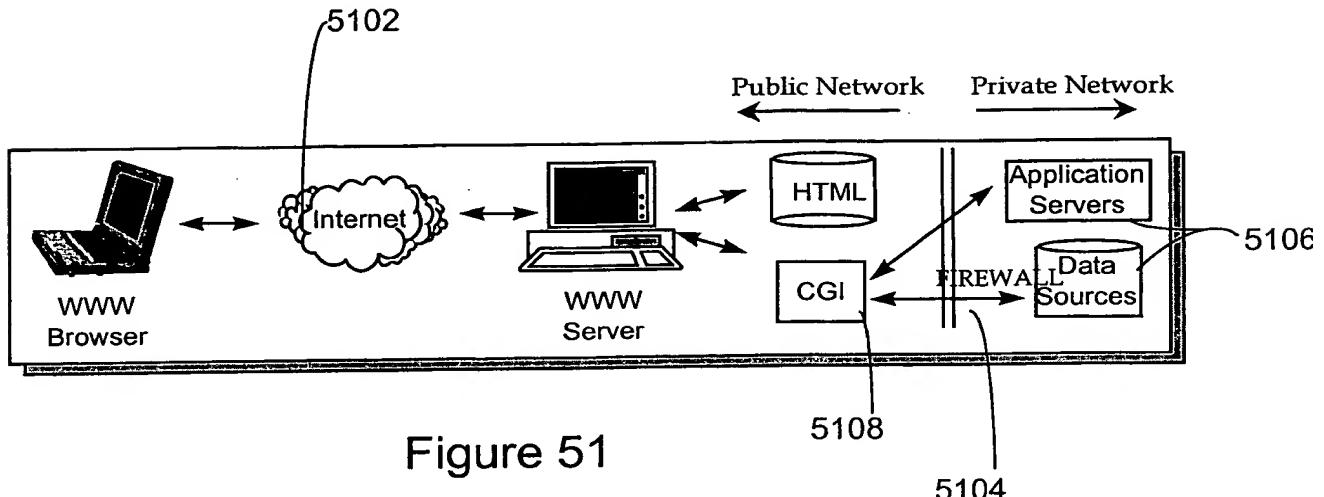


Figure 51

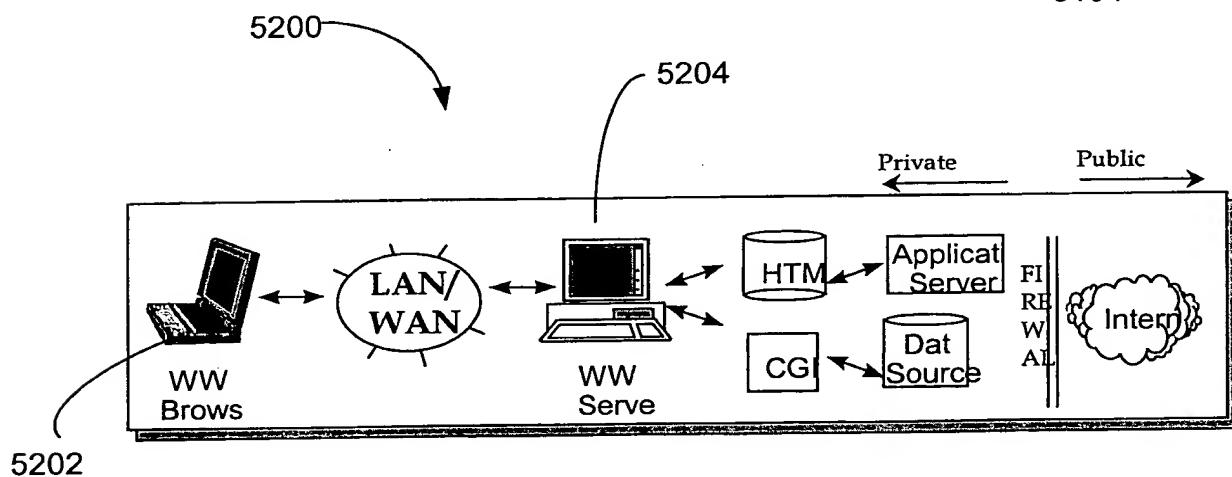


Figure 52

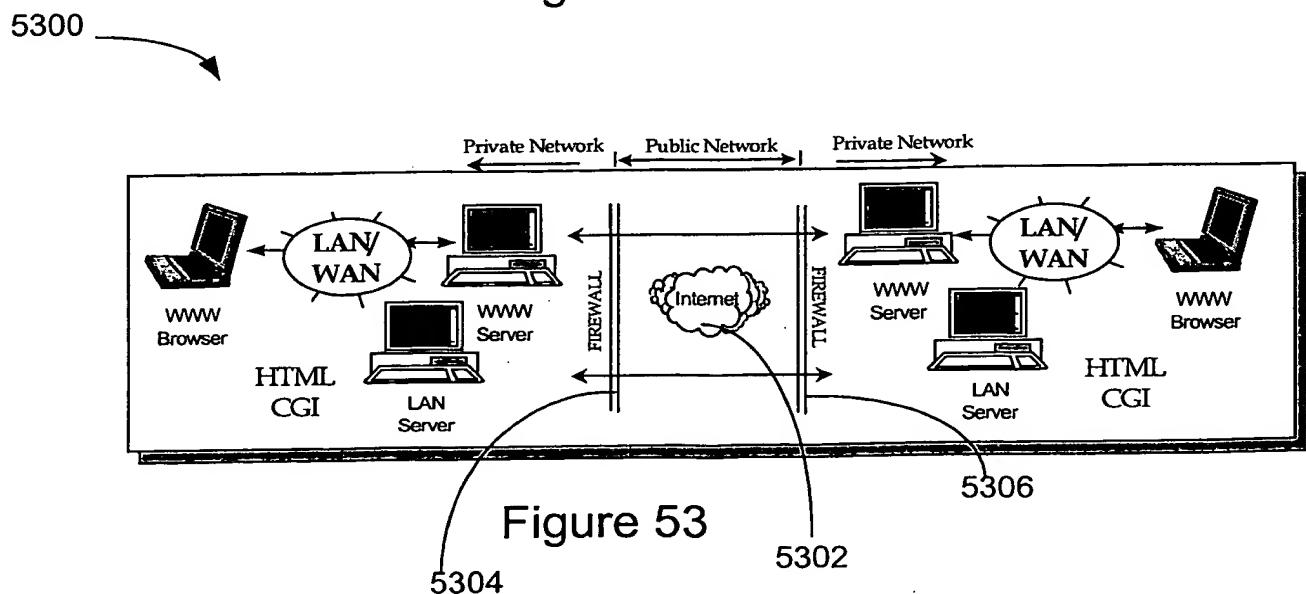


Figure 53

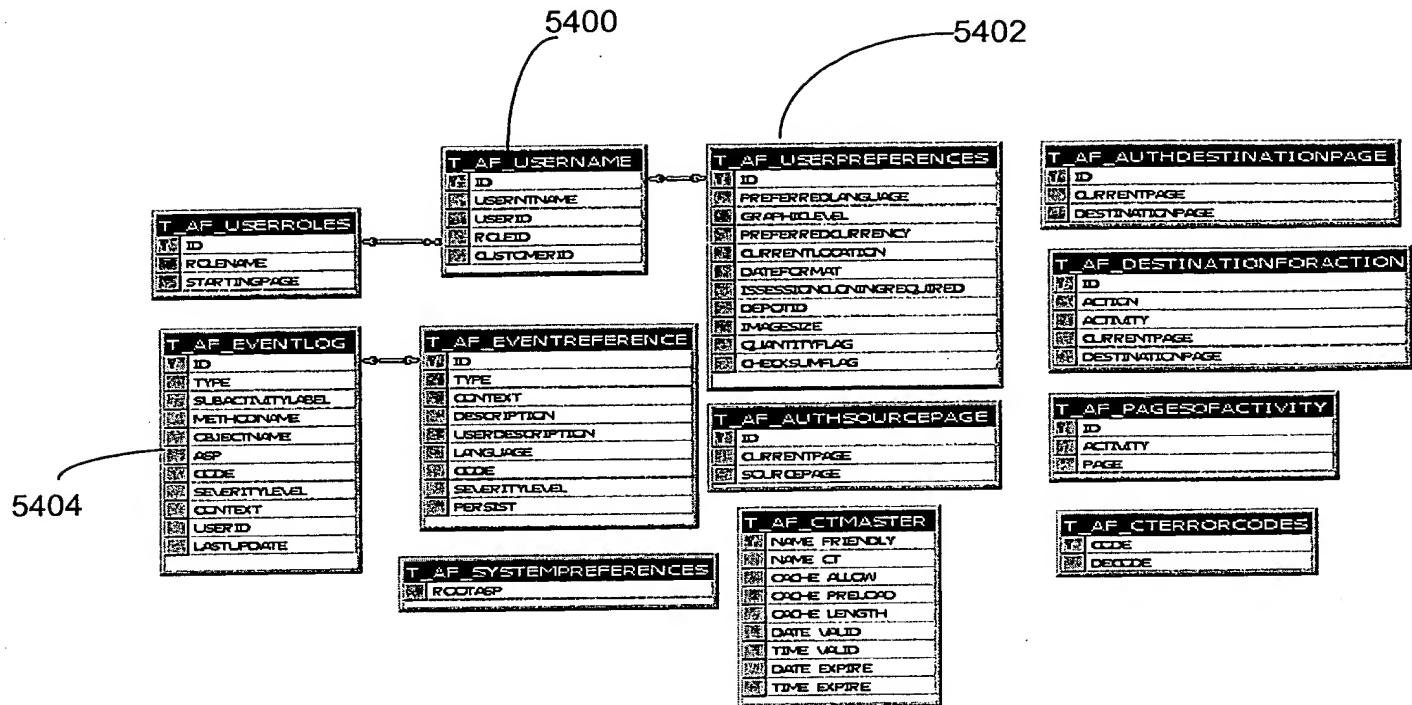


Figure 54

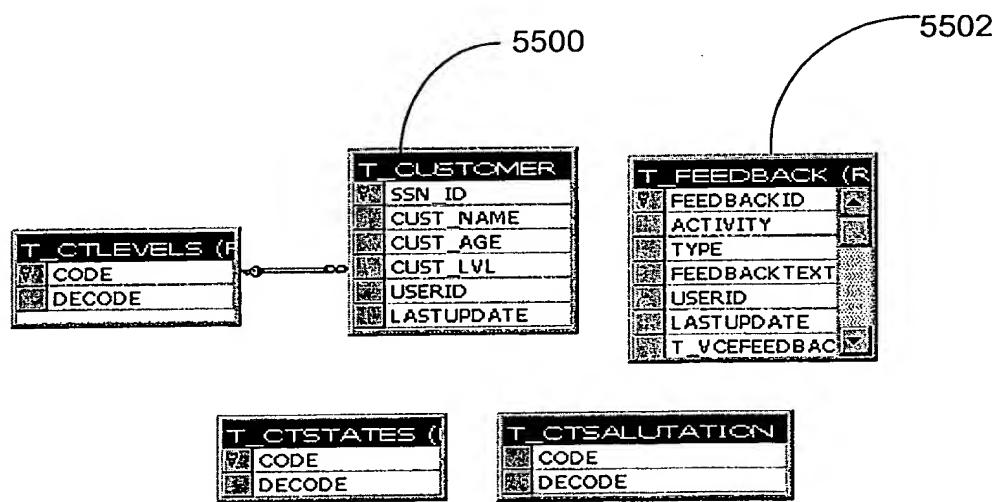


Figure 55

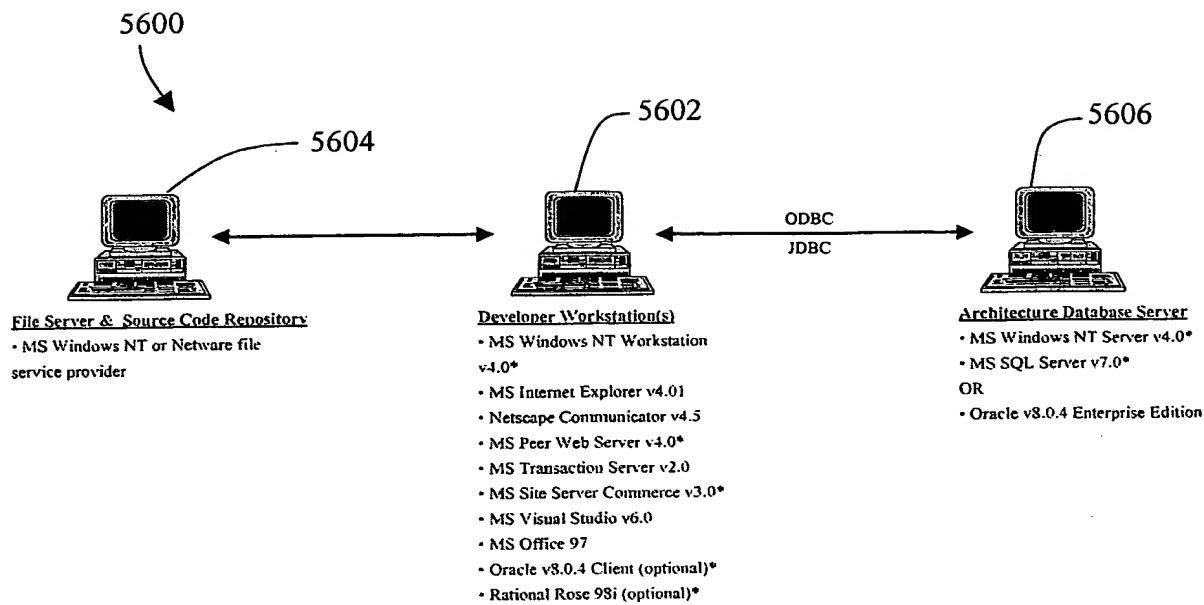


Figure 56

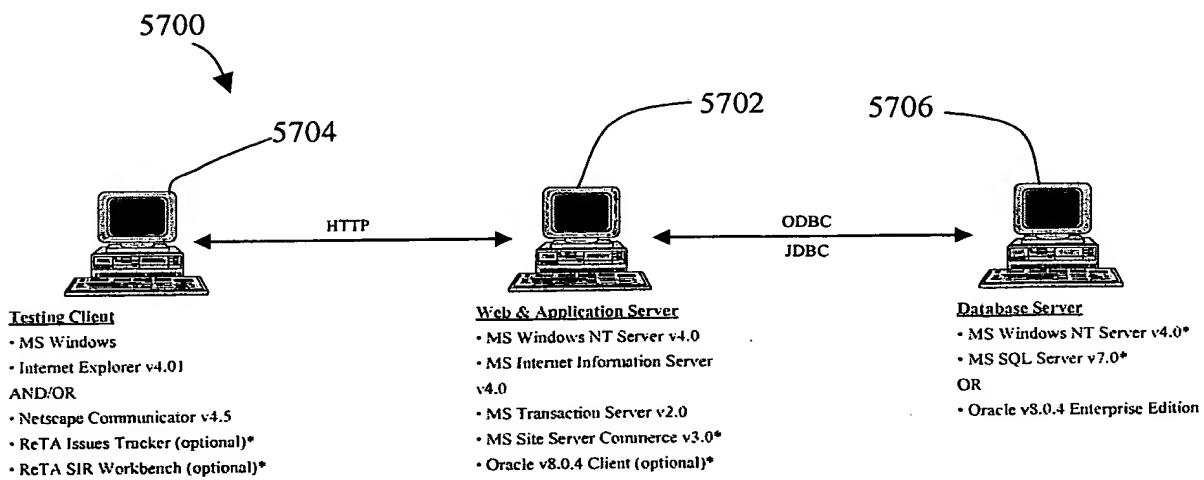


Figure 57

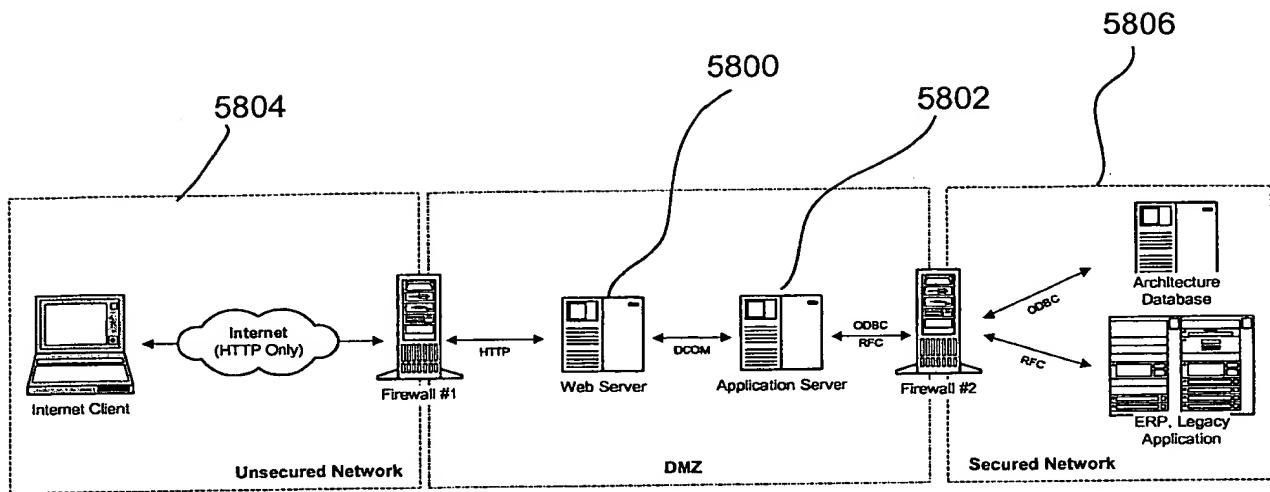


Figure 58

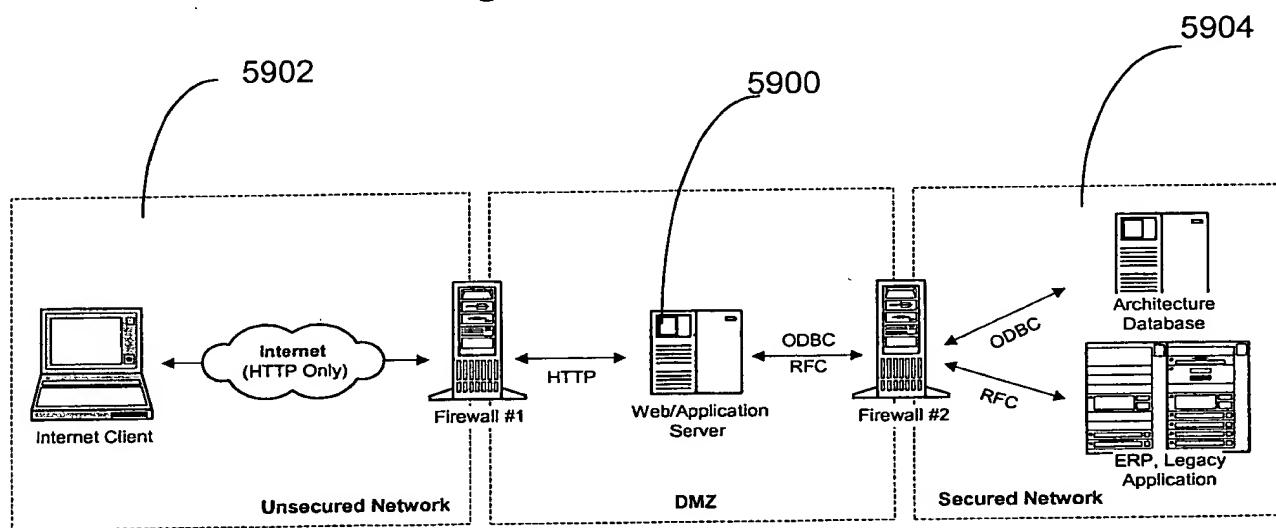


Figure 59

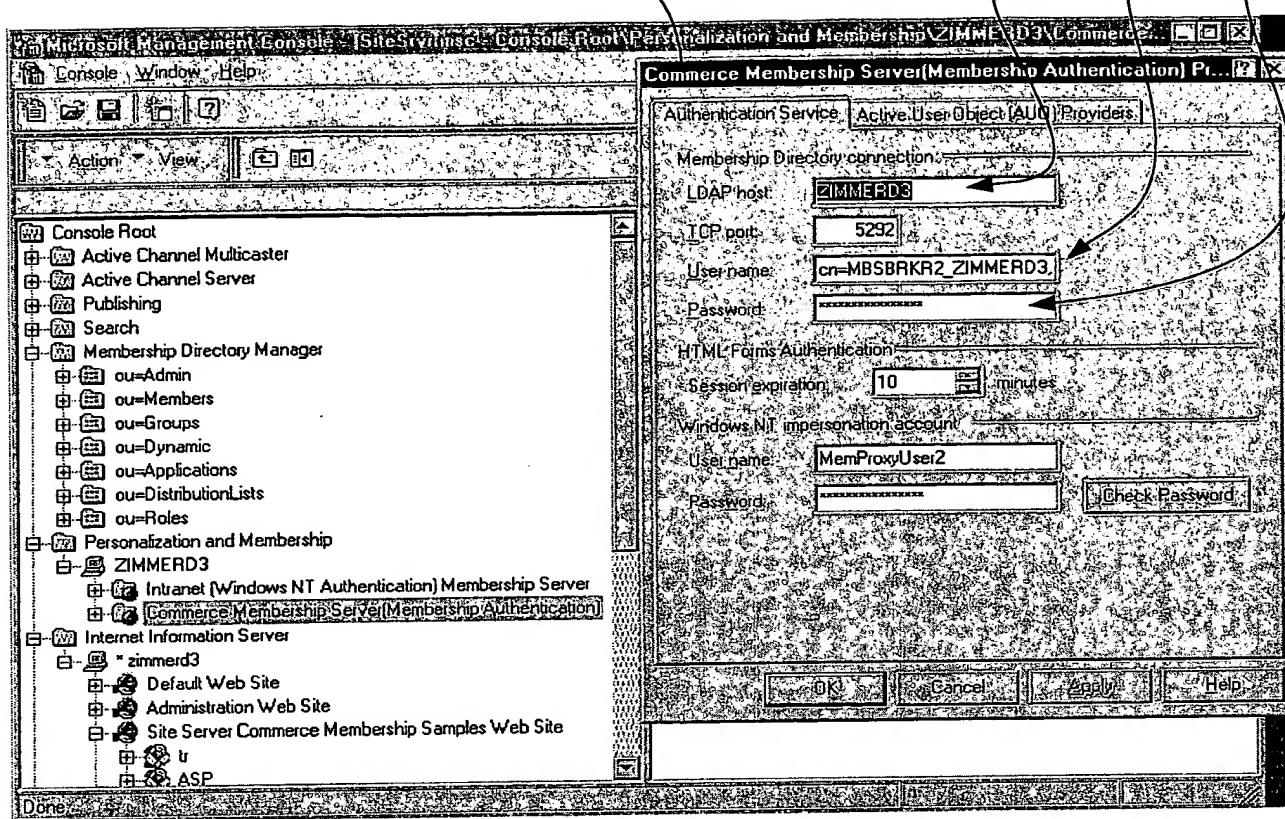


Figure 60

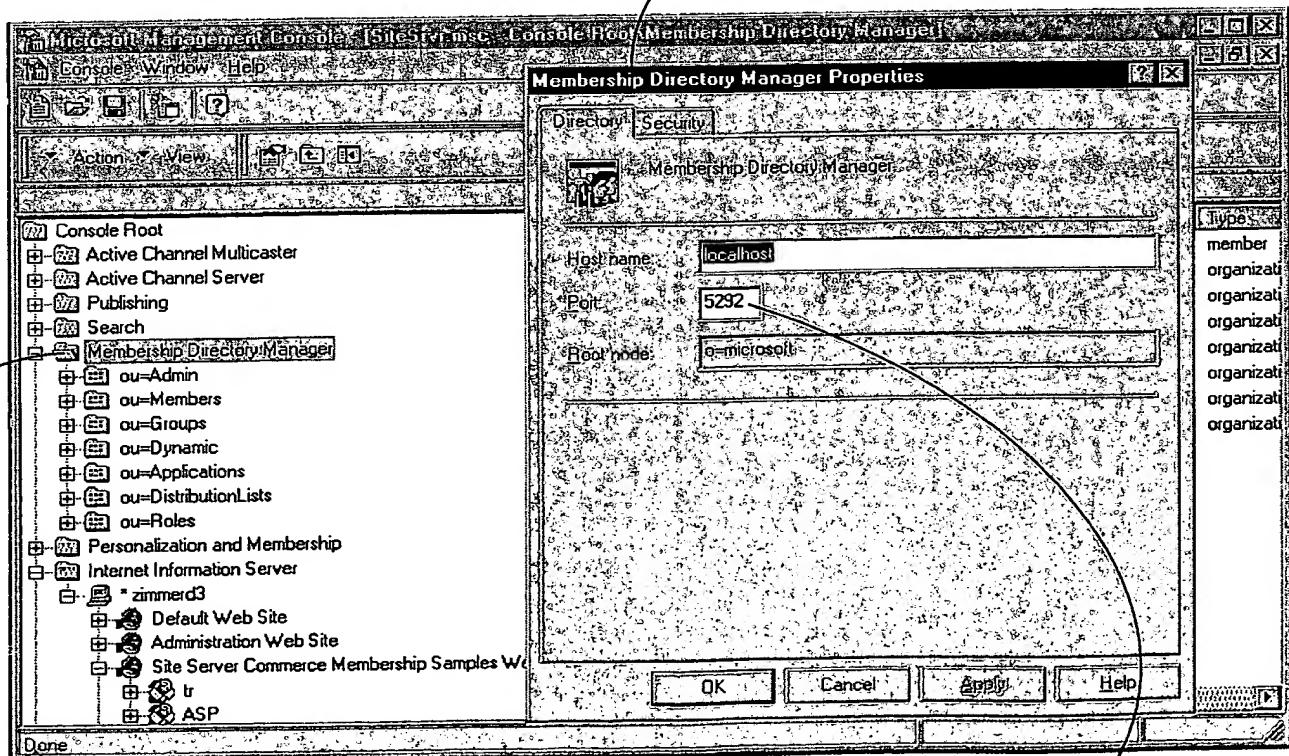


Figure 61

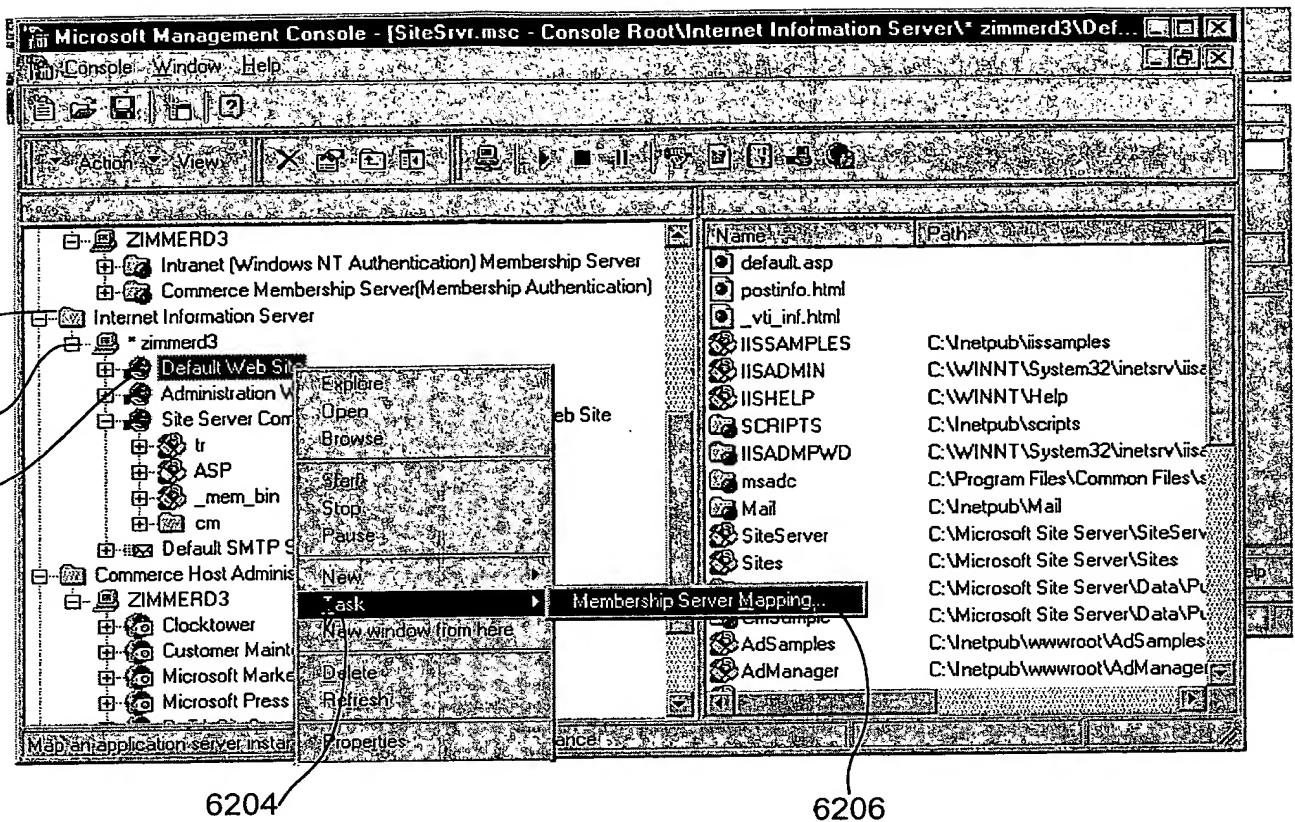


Figure 62

6300

Web Sites	FrontP...	Security
Site Server Commerce Membership Samples Web Site	False	Member...
Default Web Site	True	Windo...
Administration Web Site	False	Windo...

Figure 63

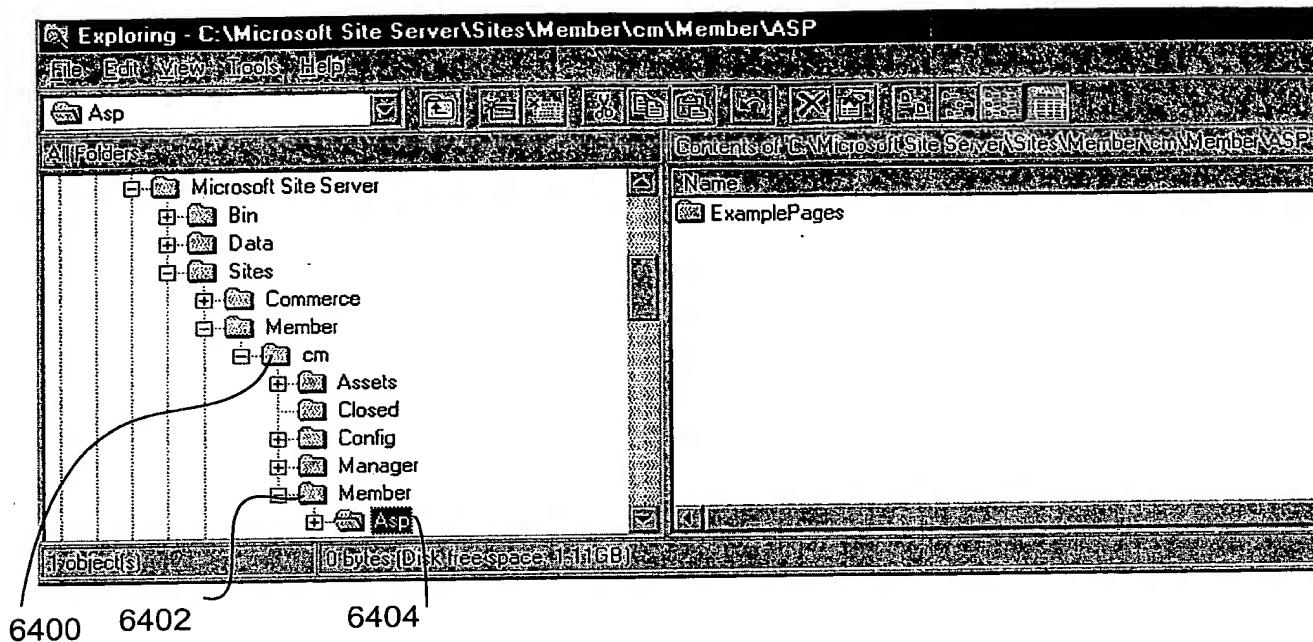


Figure 64

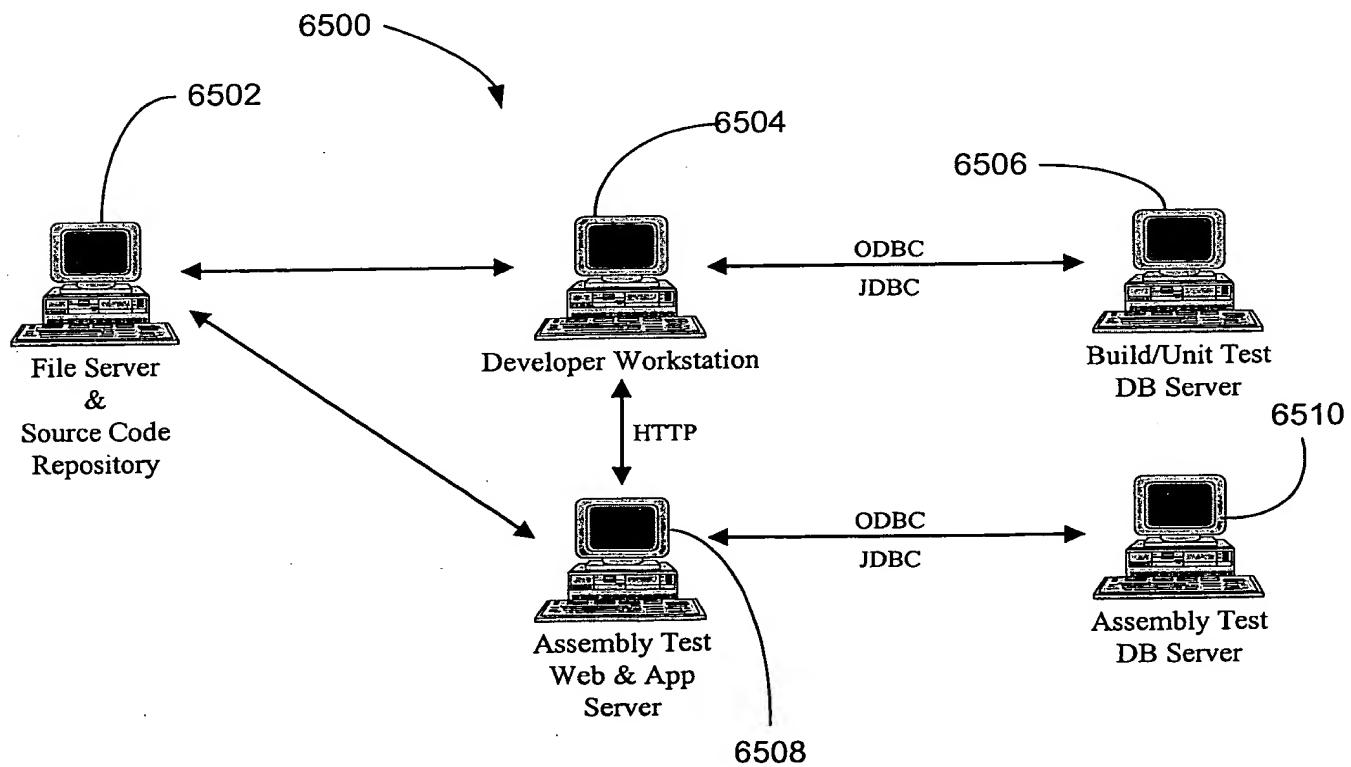


Figure 65

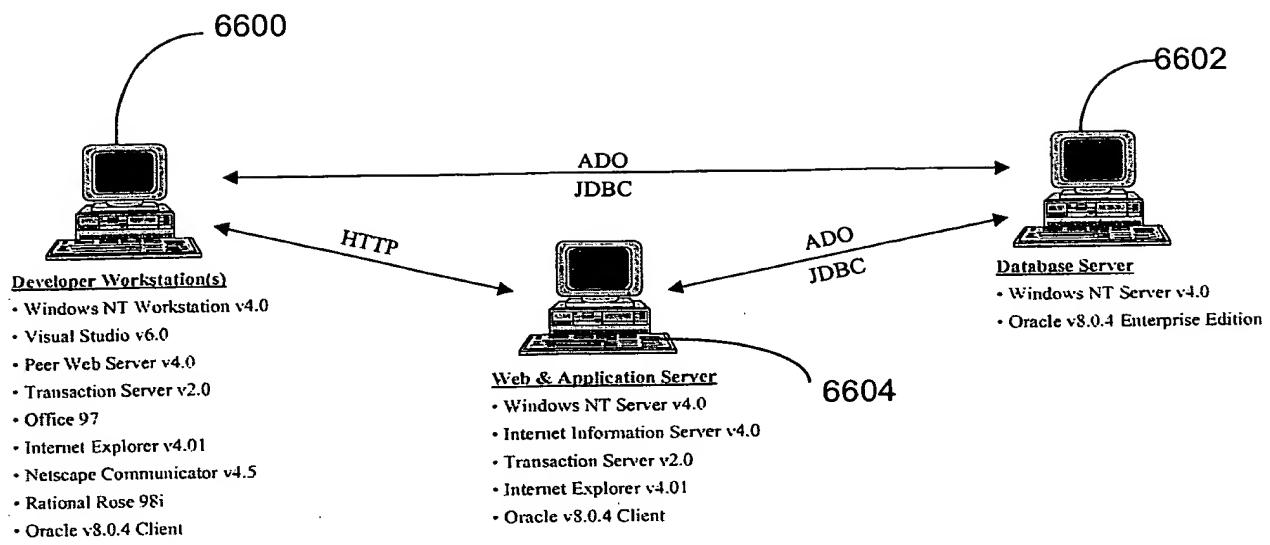


Figure 66

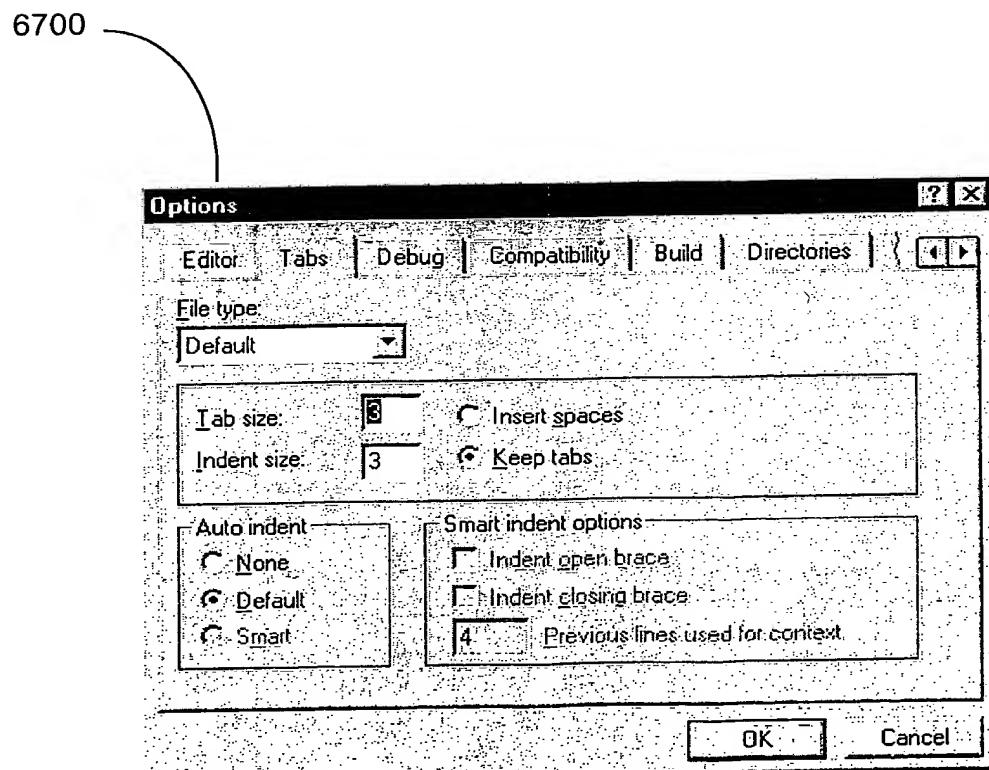


Figure 67

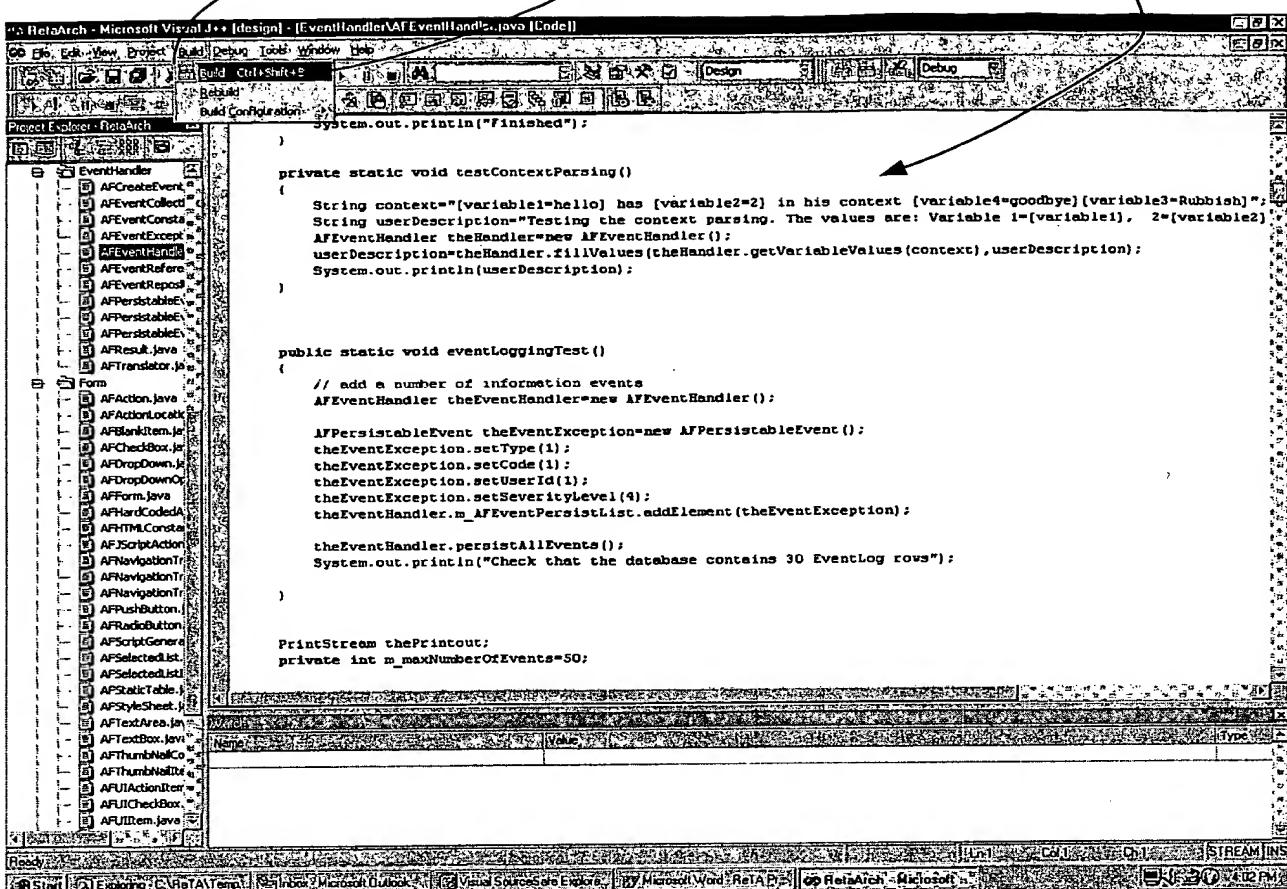


Figure 68

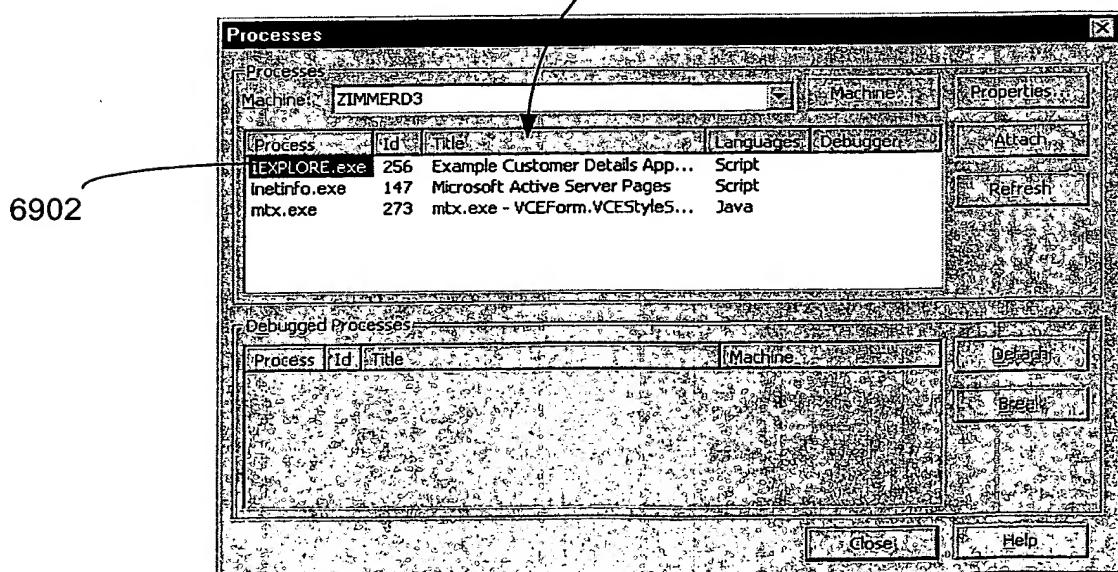
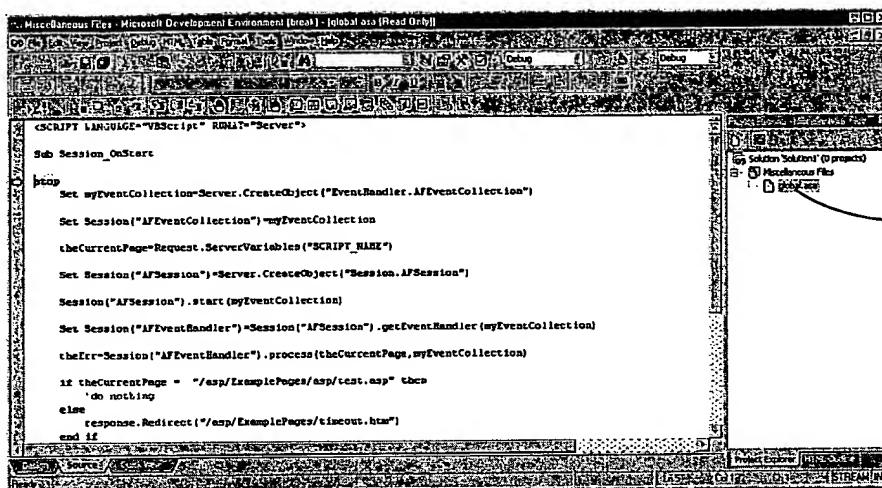


Figure 69

00000000000000000000000000000000

7000



ASP code for Session_OnStart:

```
SCRIPT LANGUAGE="VBScript" RUNAT="Server"

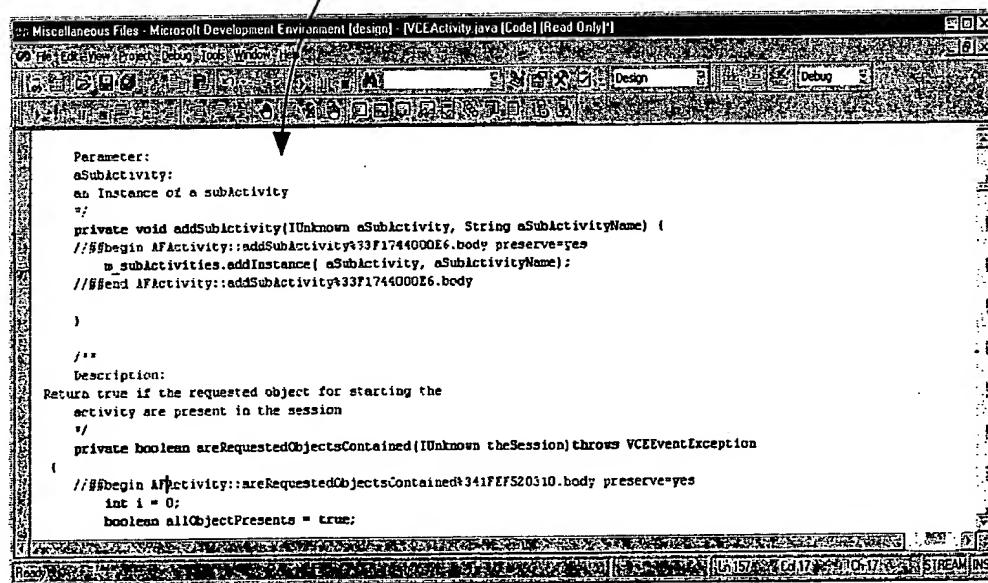
Sub Session_OnStart
    Set myEventCollection=Server.CreateObject("Event.Handler.AFEventCollection")
    Set Session("AFEventCollection")=myEventCollection
    theCurrentPage=Request.ServerVariables("SCRIPT_NAME")
    Set Session("AFSession")=Server.CreateObject("Session.AFSession")
    Session("AFSession").Start(myEventCollection)
    Set Session("AFEventHandler")=Session("AFSession").getEventHandler(myEventCollection)
    theErr=Session("AFEventHandler").process(theCurrentPage,myEventCollection)
    if theCurrentPage = "/asp/ExamplePages/asp/test.asp" then
        'do nothing
    else
        response.Redirect("/asp/ExamplePages/timout.htm")
    end if
End Sub
```

7002

Figure 70

7100

7102



Java code for VCEActivity.java:

```
Parameter:
aSubActivity;
an Instance of a subActivity
*/
private void addSubActivity(IUnknown aSubActivity, String aSubActivityName) {
    //##begin AFActivity::addSubActivity#33F1744000E6.body preserve=yes
    _subActivities.addInstance(aSubActivity, aSubActivityName);
    //##end AFActivity::addSubActivity#33F1744000E6.body

}

/**
Description:
Return true if the requested object for starting the
activity are present in the session
*/
private boolean areRequestedObjectsContained(IUnknown theSession) throws VCEEventException {
    //##begin AFActivity::areRequestedObjectsContained#341FEE520310.body preserve=yes
    int i = 0;
    boolean allObjectPresents = true;
```

Figure 71

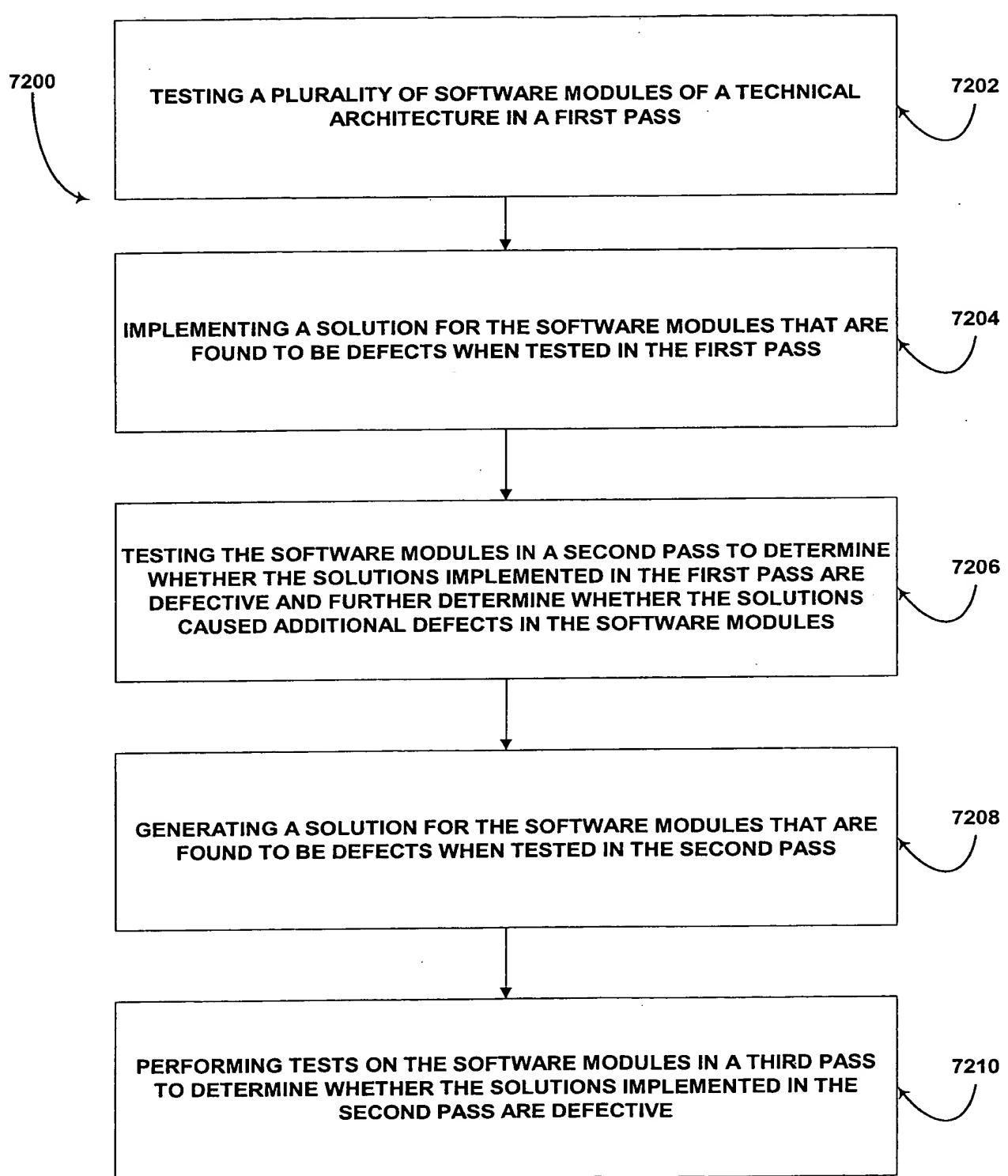


Figure 72

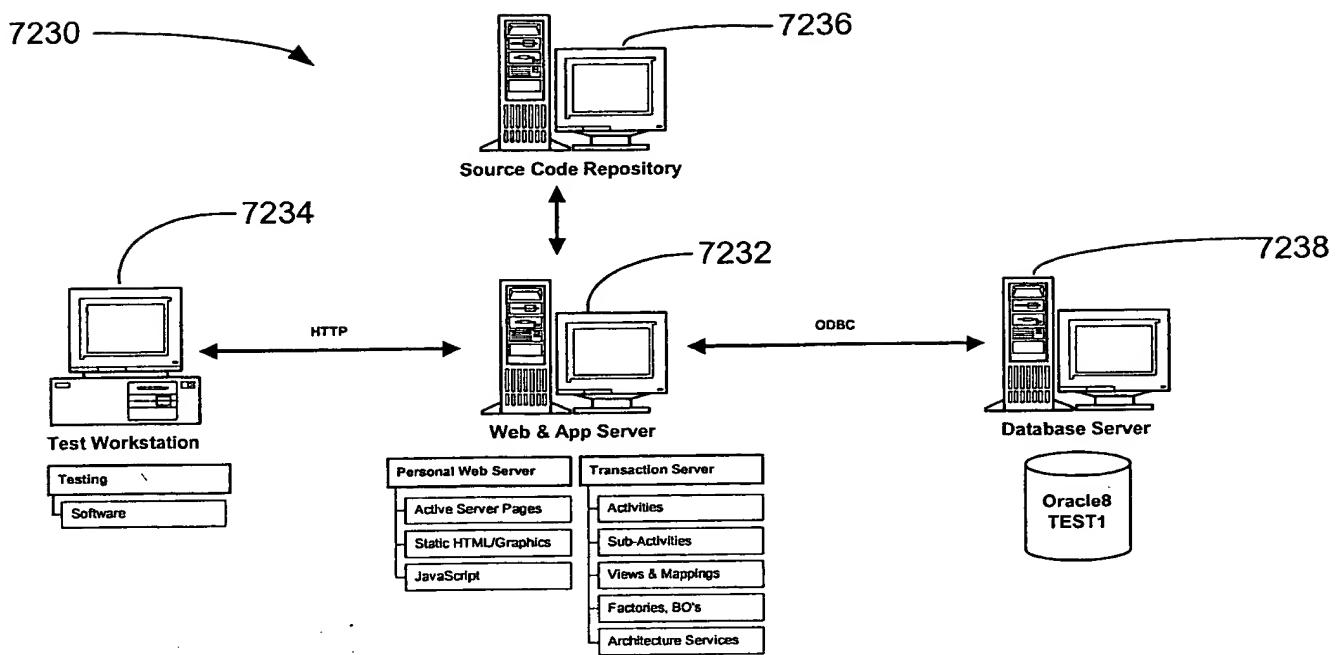


Figure 72.1

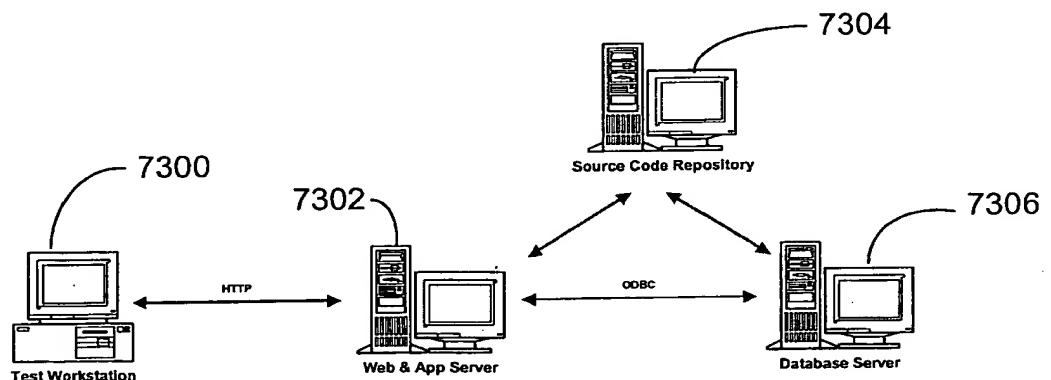


Figure 73

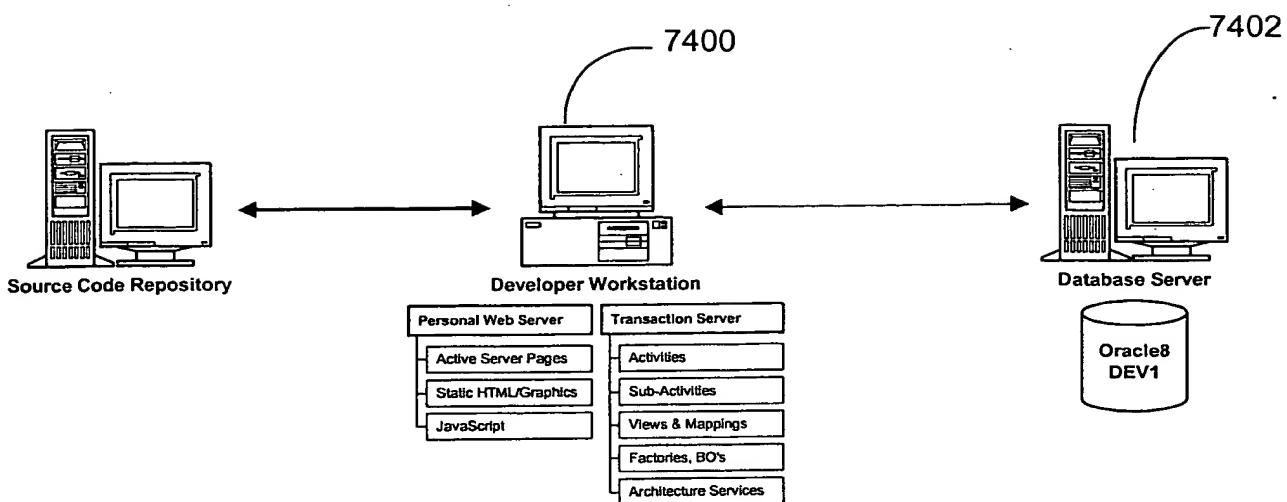


Figure 74

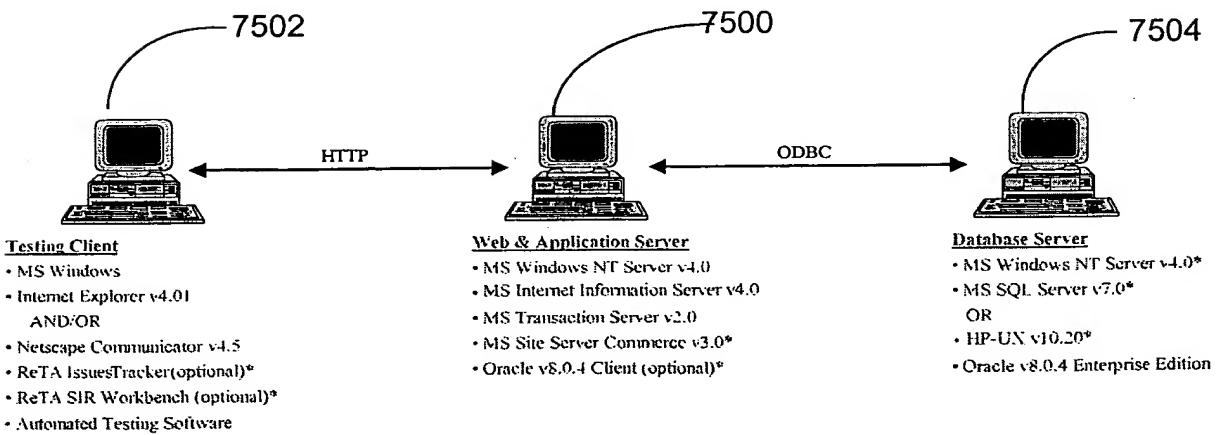


Figure 75